

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	MDIP-1-2402
		Application Number	
Title of Invention	ACCESS CONTROLS FOR KNOWN CONTENT		
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Applicant Information:

Applicant	1			
Applicant Authority	☒ Inventor	☐ Legal Representative under 35 U.S.C. 117	☐ Party of Interest under 35 U.S.C 118	
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		Application Number	
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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	25315
Email Address	

Application Information:

Title of the Invention	ACCESS CONTROLS FOR KNOWN CONTENT		
Attorney Docket Number	MDIP-1-2402	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)	5	Suggested Figure for Publication (if any)	2

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☐ **Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in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). Enter either 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 Practitioner	☐ Limited Recognition (37 CFR 11.9)
Customer Number	25315		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this 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(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

Prior Application Status	Pending		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	non provisional of	61/478,204	2011-04-22

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	MDIP-1-2402
		Application Number	
Title of Invention	ACCESS CONTROLS FOR KNOWN CONTENT		

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority if no claimed. 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(a)

Application Number	Country	Parent Filing Date (YYYY-MM-DD)	Priority Claimed
			☐ Yes ☐ No

Assignee Information:

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

Assignee	1		
If the Assignee is an Organization check here. ☐			
Organization Name			
Mailing Address Information:			
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Signature:

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.

Signature	/Ellen M. Bierman/		Date (YYYY-MM-DD)	2012-04-19
First Name	Ellen M.	Last Name	Bierman	Registration Number
				38,079

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 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.**

ACCESS CONTROLS FOR KNOWN CONTENT

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] This application claims the benefit of U.S. Provisional Application No. 61/478,204, filed April 22, 2011, which is incorporated by reference in its entirety.

TECHNICAL FIELD

[0002] The disclosure generally relates to the field of video playback devices, and more particularly, those devices that play content from a digital library stored either locally or remotely.

BACKGROUND

[0003] V-chip technology was mandated pursuant to the Telecommunications Act of 1996. Since January 2000, all televisions produced for sale in the United States have been required to implement this technology. The intention of such legislation and technology is to provide parents control over the programs that their children watch on television through broadcast, cable, or satellite television. V-chip within playback devices (such as a television) use ratings contained within the television broadcast. The ratings are a form of metadata about the television program.

[0004] Multiple organizations create the ratings used by the V-chip according to different standards. The Motion Picture Association of America (MPAA) rates theatrical movies according to its standards. TV producers and TV networks rate their own programs according to the TV ratings descriptions. Some ratings from different organizations may seem similar (TV-PG and MPAA PG), but are different as each use a different standard from a different organization. TV ratings, unlike MPAA ratings, may also contain labels (D, L, S, V, FV) showing contributing factors to the rating. MPAA may have such classifications in print or movie trailer, but carry no equivalent content labels during broadcast transmission. Premium cable companies, such as HBO and Showtime, may augment MPAA ratings with content labels in their program guides to help parents understand why the specific rating was used. However, this information is not available in the television program for use by the V-chip. Many

televisions sold within the US, also support TV programs rated according to Canadian Broadcasting Codes. Instead of content labels used with US TV ratings, disclaimers are aired at the beginning of the program. An understanding of all rating systems is required in order to properly configuration the V-chip since the rating system used for each program may not be known before the program is received.

[0005] The V-chip enforcement system (television rating included within the television program) is predicated on a television program rating and rating policy configuration. The consumer configures rating policies for each V-chip enabled television. Both items (television rating and configuration) must be available prior to receiving the television program. The V-chip uses the program rating and rating policy configuration to determine if the program is allowed or blocked. In the event that a program is blocked, a parent may input a PIN code allowing the program to be viewed without changing the policy configuration.

[0006] Since V-chip technology was mandated and introduced, video entertainment has begun a fundamental shift. In addition to terrestrial broadcast, cable, and satellite, digital distribution of video (streaming) has also been introduced and increasing in market share. Unlike broadcast technologies (terrestrial, cable, satellite) where the same programming is delivered to all TV sets, different programming is delivered to individual televisions or viewing screens using the Internet or other network.

[0007] Various companies utilize video streaming technology through software included in televisions, or devices attached to televisions allowing streamed content to be viewed on televisions. Such devices include PVR (personal video recorder), DVD or Blu-ray player, game console, or cable box. In addition to one-time-views, consumers are also allowed to purchase a digital program for repeated viewing. The consumer's purchase history is stored and using the stored digital files, a digital library is created allowing the consumer to watch the program multiple times at their convenience, outside of a scheduled broadcast. Cable networks offer similar functionality replacing the Internet with their private cable networks and terming the product "on-demand".

[0008] The shift to digital libraries affects not only when consumers watch video programs, but where parental controls need to be enforced, who watches the content, and how content is rated. With the advent of digital libraries, video content can be viewed on a variety of devices beyond the television. Such devices include, for example, mobile phones, laptop or notebook

computers, eBook readers, tablets, or desktop computers. Many US households have multiple of such devices, likely from different manufactures. Although content can be viewed on many devices, there is no mechanism to transfer ratings policies between devices. As the families' attitude change and children mature, this need is ever more apparent.

[0009] A digital library typically contains content for a single household, not a single individual. Since digital libraries contain content for multiple individuals, multiple policies are required to control the content for individuals. Many households have children in different age groups. Conventionally, a single override exists only for the parent. With multiple age groups, the single override available using V-chip technology is insufficient; the most restrictive rating policy must be implemented. For example, cartoons (TV-Y7 and greater) may be objectionable for the youngest viewer in the household, but there is an older child in the household that may watch the program. With the override behavior of a single PIN number, programs rated TV-Y7 and above must be blocked, even for the older child. Giving the older child the PIN number will unlock all ratings, including any the parents consider objectionable for the older child.

[0010] Ratings provide an independent assessment prior to content viewing so that the parent does not need to view a programming prior to their child. The rating is an indication of the material contained within a program that may be considered objectionable. When a program has been viewed before, the assigned rating may not coincide with the parent's judgments. The program may contain objectionable material in the parent's eye, or may lack such objectionable material. Once the program's content is known, such as with a digital library, if the parent chooses to persistently override the original rating, it should be possible so that a parent is not required to enter a PIN in order for the child to view the program.

BRIEF DESCRIPTION OF DRAWINGS

[0011] Figure (FIG.) 1 illustrates one example embodiment of components of an example machine able to read instructions from a machine-readable medium and execute them in a processor (or controller).

[0012] FIG. 2 illustrates one example embodiment of a computing configuration for use with digital library ratings enforcement.

[0013] FIG. 3 illustrates one example embodiment of a process for generating an enforcement policy.

[0014] FIG. 4 illustrates one example embodiment of a process for policy enforcement.

[0015] FIG. 5 illustrates one example embodiment of a process for determining if a PIN is required.

DETAILED DESCRIPTION

[0016] The figures and the following description relate to example embodiments by way of illustration only. It should be noted that from the following discussion, alternative embodiments of the structures, techniques, and methods disclosed herein will be readily recognized as viable alternatives that may be employed without departing from the principles of what is claimed.

[0017] Reference will now be made in detail to several embodiments, examples of which are illustrated in the accompanying figures. It is noted that wherever practicable similar or like reference numbers may be used in the figures and may indicate similar or like functionality. The figures depict example embodiments of the disclosed system (or method) for purposes of illustration only. One skilled in the art will readily recognize from the following description that alternative embodiments of the structures, techniques, and methods illustrated herein may be employed without departing from the principles described herein.

CONFIGURATION OVERVIEW

[0018] One example embodiment of a disclosed system (or method and computer readable storage medium) that implements the access controls is described.

COMPUTING MACHINE ARCHITECTURE

[0019] FIG. (Figure) 1 is a block diagram illustrating components of an example machine able to read instructions from a machine-readable medium and execute them in a processor (or microcontroller). Specifically, FIG. 1 shows a diagrammatic representation of a machine in the example form of a computing system 100 within which instructions 124 (*e.g.*, software) for causing the machine to perform any one or more of the methodologies discussed herein may be executed. In some example embodiments, the machine operates as a standalone device or may be connected (*e.g.*, networked) to other machines. In a networked deployment, the machine may operate in the capacity of a server machine or a client machine in a server-client network environment, or as a peer machine in a peer-to-peer (or distributed) network environment.

[0020] The machine may be a server computer, a client computer, a personal computer (PC), a tablet PC, a set-top box (STB), a personal digital assistant (PDA), a cellular telephone, a smart phone, a web appliance, a tablet PC, eBook reader, a network router, switch or bridge, a gaming console, a DVD or Blu-ray Disc player, television, PVR, or any machine capable of executing instructions 124 (sequential or otherwise) that specify actions to be taken by that machine. In addition, the machine may be configured to include instructions configured as firmware. Further, while only a single machine is illustrated, the term “machine” shall also be taken to include any collection of machines (or apparatuses) that individually or jointly execute instructions 124 to perform any one or more of the methodologies discussed herein.

[0021] The example computing system 100 includes a processor 102 (*e.g.*, a central processing unit (CPU), a graphics processing unit (GPU), a digital signal processor (DSP), one or more application specific integrated circuits (ASICs), one or more radio-frequency integrated circuits (RFICs), or any combination of these), a main memory 104, and a static memory 106, which are configured to communicate with each other via a bus 108. The computing system 100 may further include graphics display unit 110 (*e.g.*, a plasma display panel (PDP), a liquid crystal display (LCD), a projector, or a cathode ray tube (CRT)). The computing system 100 may also include alphanumeric input device 112 (*e.g.*, a keyboard, remote control), a cursor control device 114 (*e.g.*, a mouse, a trackball, a joystick, a motion sensor, touch sensor, touch screen, or other pointing instrument), a persistent storage unit 116, a signal generation device 118 (*e.g.*, a speaker), and a network interface device 120, which also are configured to communicate via the bus 108.

[0022] The storage unit 116 includes a machine-readable medium 122 on which are stored instructions 124 (*e.g.*, software) embodying any one or more of the methodologies or functions described herein. The instructions 124 (*e.g.*, software) may also reside, completely or at least partially, within the main memory 104 or within the processor 102 (*e.g.*, within a processor's cache memory) during execution thereof by the computing system 100, the main memory 104 and the processor 102 also constituting machine-readable media. The instructions 124 (*e.g.*, software) may be transmitted or received over a network 126 via the network interface device 120.

[0023] Also included in the computing system 100 is an external storage interface 107. The external storage interface 107 provides the ability to transfer data into and out of the computer system. Either machine readable or human readable information may be transferred. These data transfers may include software/firmware updates, configuration data, or media. The external storage interface 107 in one embodiment may be a physical device that accepts SD card in various physical formats (SD card, mini SD, or micro SD) and interfaces the electrical characteristics such that the storage on the SD card can be accessed by the computing device. In another embodiment, the external storage interface may also be used for adapters such as a USB-SD card reader, PC card-card reader, express card reader, USB flash drive, eSata, or any other electrical interface such that the computing device 100 can communicate with a storage device. The network interface device 120 can also serve as an external storage interface

[0024] While machine-readable medium 122 is shown in an example embodiment to be a single medium, the term "machine-readable medium" should be taken to include a single medium or multiple media (*e.g.*, a centralized or distributed database, or associated caches and servers) able to store instructions (*e.g.*, instructions 124). The term "machine-readable medium" shall also be taken to include any medium that is capable of storing instructions (*e.g.*, instructions 124) for execution by the machine and that cause the machine to perform any one or more of the methodologies disclosed herein. The term "machine-readable medium" includes, but not be limited to, data repositories in the form of solid-state memories, optical media, and magnetic media.

[0025] Machine-readable medium 122 also may include tangible, non-transitory storage mediums. The instructions stored thereon may also be stored as data signals (*e.g.*, by being encoded as part of a carrier wave or included as part of an analog or digital propagated signal) on

a variety of computer-readable transmission mediums, which are then transmitted, including across wireless-based and wired/cable-based mediums, and may take a variety of forms (*e.g.*, as part of a single or multiplexed analog signal, or as multiple discrete digital packets or frames).

[0026] In one example embodiment, the instructions 124 correspond to an application program 105. The application program 105 includes a set of machine-readable instructions to carry out key exchange and data transfer specifications as further described herein.

CONSUMER RATINGS AND POLICY ELEMENTS

[0027] FIG. 2 illustrates one example embodiment of a computing configuration for use with a digital library. The computing environment includes a computing system 100, a media player application 200, a digital library 300, an authentication database 400, and a rating policy database 500, and a digital library management application 600,

[0028] The media player application 200 decodes and renders the content for the consumer. The media player application 200 is further composed of a DRM module 210, a demux module 220, a video decoder module 230, an audio decoder module 240, a video render module 250, and an audio render module 260. The DRM module 210 processes any digital rights management (DRM) information associated with the media. Commercial content may use DRM to provide anti-piracy protection for content. After any DRM has been processed, the demux module 220 splits the content into separate streams, typically audio and video streams. Once the content has been separated into streams, the audio decoder module 240 decodes the audio stream. The video decoder module 230 decodes the video stream. Finally, the audio render module 260 and the video render module 250 convert the respective streams so that content can be heard and seen by the consumer, thus interpreted by one or more of the five human senses.

[0029] The digital library 300 stores content. The digital library 300 is composed of persistent storage 310, content 320, and metadata 330. The persistent storage 310 holds the content 320 and metadata 330.

[0030] The content 320 may take many forms, such as video (movies, music videos, TV shows), audio (music, audio books, podcasts), text (eBooks,), and video games. Additional forms of digital content may also be stored, so long as the playback device 1000 contains an application that can decode and render the content. A unique content identifier is used to identify content 320. Content 320 may optionally be protected with DRM.

[0031] Metadata 330 describes properties about the content 320. The metadata 330 is such information used to select the content, such as text (*e.g.*, title, description, actors, directors, products, etc.), pictures (*e.g.*, box cover art, chapter title, etc.), video (*e.g.*, movie trailer, preview, snippet, etc.), content rating, content rating qualifiers, content rating system, and/or audio (music track preview) representing the content. Rating systems exist in various forms for most content types including movies, TV shows, video games, music videos, and so on. Some content rating systems also use content rating qualifiers to further extend the definition of any specific rating. Rating systems vary according to region, country, and other factors so they are not exhaustively enumerated here. Example rating systems are MPAA and EIRIN. Although metadata 330 is shown separate from content 320, the two may be combined in some embodiments.

[0032] In order to access the content 320, the digital library 300 is coupled to the playback device 1000 either through the external storage interface 107, as a case when the digital library 300 exists on a device (hard disk drive, flash or optical media), or through the network interface device 120 when the content is accessible over a network (LAN, WAN, Internet cloud). Due to the nature of cloud computing and network access, consumers may access either their own personal digital library 300 or one owned or populated by another party. In other embodiments, the digital library 300 may be contained within the playback device 1000.

[0033] The authentication database 400 stores identity verification information. The authentication database 400 is comprised of user identity 410, groups association 420, and administration PIN 430. The authentication database 400 should be stored in a secure location or using techniques to prevent tampering.

[0034] User identity 410 contains user authenticators (*e.g.*, PINs). The authentication database 400 will verify that no two user identifiers are identical. Unlike traditional methods where a user identifier and authenticator (*e.g.*, PIN) are required, only an authenticator is used for multiple reasons. First, there are a limited number of users. Second, the input mechanism for the playback device is limited to a numeric keypad on a remote control. Third, the playback device 1000 can authenticate users faster by eliminating another piece of required information.

[0035] Current authentication best practices dictate that at least two of three components of something the “user has”, something the “user knows”, and something the “user is” be satisfied. For this application, something the “user has” maps to the playback device. Something the “user

knows” maps to the PIN. Something the “user is” typically maps to a biometric device. Thus the PIN only methods can be used in accordance with current best practices, even though user identifiers are eliminated.

[0036] Groups associations 420 contain sets of users. Groups associations 420 allow the administrator to apply the same policies to media for multiple individuals, reducing the number of configuration actions required. A group association is defined as containing one or more users.

[0037] Administration PIN 430 contains the administrator’s authenticator. The administrator’s authenticator controls access for the authentication database 400, authorization database 500, and digital library management application 600.

[0038] Additionally, an identifier tag can be associated with the PIN in order to facilitate the administration of the authentication database 400 provide a simpler association in subsequent steps. If identifier tags are used, user identity 410 also contains the between the associations between user identifiers and identify verification information. For example, PIN 1234 may be assigned to George. Rather than displaying PIN 1234 for all verification steps, the tag George can be associated with the PIN and George displayed instead. This has the added benefit that PINs are not visible during provisioning or policy generation.

[0039] Alternate to PINs, the authentication database 400 may use a different authenticator, such as a passphrase or use of a biometric device. The biometric device is an authentication mechanism whereby a person’s identity is verified through physical means instead of the PIN knowledge. The biometric device may reside on a remote control unit, the display device, or the device decoding the content such as a set top box, DVD player, Blu-ray player, or game console.

[0040] The rating policy database 500 stores content rating override actions and metadata display actions configured by the parent. The rating policy database 500 is composed of enforcement enabled 510, rating actions 520, user actions 530, and group actions 540.

[0041] Enforcement enabled 510 is the master switch for all actions; it must be enabled prior to any content override actions. Any implementation (*e.g.*, Boolean logic in software, hardware, or firmware) may be used.

[0042] Rating actions 520 control the display of metadata at content selection time. Rating actions 520 are configured policy actions based on the content rating system, content rating, and

any content qualifiers used by the content rating system. Deviations from rating actions 520 are stored within either user actions 530 or group actions 540.

[0043] User actions 530 are content playback actions where the stored rating is different than was set by the rating body. User actions 530 consist of mappings between the user identifier, content identifiers, content rating system, and new content rating. For example, consider a movie with the MPAA PG-13 and a V-chip setting to block movies rated PG-13 or higher. The user actions 530 may contain two override actions each allowing two different users to view the movie.

[0044] Group actions 540 are content playback actions where the stored rating is different than was set by the rating body. Group actions 530 consist of mappings between the user identifier, content identifiers, content rating system, and new content rating. For example, consider TV show T, rated TV-MA by the MPAA rating system and a V-Chip setting to block movies rated R or higher. The parent would like movie A should be allowed for users X, Y, and Z assigned to group G to watch. Therefore the mapping stored is TV show T, rating TV-PG, group G. This group action will allow any member of group G to watch the movie.

[0045] The external storage interface 107 and network interface device 120 allow the rating policy database 500 to be stored external to the playback device 1000, as well as imported from or exported to another compatible device. The rating policy database 500 should be stored in a secure location or using methods to prevent tampering. Of note, the rating policy database 500 and/or the authentication database 400 may be stored as any kind of data repository or equivalent.

[0046] The digital library management application 600 is composed of a rating policy enforcement module 610, a metadata display module 620, and a rating policy management module 630.

[0047] The rating policy enforcement module 610 determines if a rating action exists that overrides the V-chip blocking action based solely on the original content rating. The module uses the authentication database 400 and the rating policy database 500 to determine if the user is able to watch the content based on the rating actions 520, user actions 530, and group actions 540. The module also determines if metadata 330 should be displayed in order to enable media selection prior to rendering. The rating policy enforcement module 610 may enforce policy prior

to the media player 200 decode or render operations, depending on specific implementation constraints.

[0048] The metadata display module 620 displays metadata, such as media title, media description, and/or pictures representing the media. Displaying such information allows the user to select content to be played by the media player application 200 from the digital library 300. The metadata display module 620 uses the rating policy enforcement module 610 to determine if the metadata can be displayed, thus controlling the content that can be played by the media player. Once the consumer chooses the content 320 from the digital library 300, the media player application 200 plays the content.

[0049] The rating policy management module 630 allows the user to modify (*e.g.*, create, update, and/or delete) data stored in the digital library 300, authentication database 400, and rating policy database 500. In some embodiments, functions provided by the digital library management application 600 may be contained within the media player 200.

RATINGS GENERATION AND CONFIGURATION

[0050] FIG. 3 illustrates creating a new rating policy to be enforced, in accordance with an example embodiment. The process begins when the user decides a specific rating is not appropriate and that content playability should be opposite the existing policy. Step 720 verifies that the enforcement enabled switch 510 is set and the admin PIN 430 is created. If the admin PIN 430 has not been set, a new admin PIN 430 is created and verified in step 730. The verification may use double-entry PIN as in traditional methods or any other form of known verification. In addition to keeping a separate admin PIN 430, the V-chip PIN can also be used. This reduces the number of PINs that a consumer needs to remember. If the consumer reaches this step in error, the process can be cancelled and abandoned.

[0051] If the enforcement enabled switch 510 was set and the admin PIN 430 set, the process continues in step 740 with verification of the existing admin PIN. Once the admin PIN is verified, either in step 730 or step 740, the content's current rating and policy enforcement is displayed in step 750. The policy enforcement may be to allow or to deny based on the current settings and existing policies. This may be a combination of the V-chip based settings and any policies contained in the rating policy database 510. If there is no existing policy, only the V-chip setting is used.

[0052] After the policy is displayed, override behaviors are added to the rating policy database 510 by requesting the user actions 520 and group actions 530 that can override the behavior in step 760. Actions may be added or removed depending on how the step was entered. Multiple actions (user actions 520 and group actions 530) can be added depending on the changes desired.

[0053] Optionally, step 770 continues the process to verify the actions correct and the desired behavior is achieved. To do so, the final disposition (allow or block) may be displayed in order to verify correctness. If the information is not correct, the process returns to step 760 for modification. If correct, the process completes with step 780 storing the new or changed information into the rating policy database 510. If information was removed, then the database is modified accordingly. Although not shown at every step, the process can be cancelled and abandoned at any time after step 740 without modifying the rating policy database 510.

[0054] This process can be started prior to or during content use. Alternatively, the process can be started when the content is acquired, or transferred into the digital library 300. The time at which the process starts is at the discretion of the digital library management application 600 implementer and may be based on such factors as user interface (“UI”) standards or practices, prevailing wisdom, or other corporate, regulatory, or legal factors. Alternatively, the process can be implemented within the media player application 200.

[0055] Ratings are a form of metadata defining a specific property of digital content. In addition to ratings, other metadata can be used to control the policy engine. For example, content producer or genre can also be used instead of the content rating.

[0056] The V-chip policy can be considered a default action. Where rating systems exist, but are not defined for use with the V-chip (*e.g.*, video game ratings), a different default action can be configured in place of the V-chip policy for additional rating systems. With this configuration, the system and techniques can be used for additional content types such as video games and eBooks.

RATINGS POLICY ENFORCEMENT

[0057] FIG. 4 illustrates rating policy enforcement in operation. The process begins at step 800 when metadata 330 is selected for display. Metadata 330 is displayed according to the rating actions 520. If the metadata setting is set to be hidden, the metadata 330 is not displayed to the

user. This setting will prevent content 320 from being selected for playback by subsequent steps in the process. If metadata 330 can be displayed, it is displayed.

[0058] The process continues at step 810 when the user selects the content 320 from the metadata 330 displayed for playback. Once selected, the process determines if the enforcement enabled switch 510 is set in step 820. If not set, the process terminates and content playback begins 860.

[0059] If the enforcement enabled switch 510 is set, the content information, including the content rating is read 830. The content rating may be stored within the content (file or stream) itself or within a separate metadata (file or files, stream or streams). The process continues in step 840 by reading the V-chip policy for the appropriate content type and the content rating.

[0060] The process continues at step 850 determining if a PIN is required to play the content 320. This sub-process is further described with reference to FIG. 5. If no PIN is required, the process terminates and media playback begins 860. If a PIN is required, the process continues with step 870 to obtain the PIN. Once obtained, the PIN is compared against the admin PIN 430 and the user identity 410 that are referenced in the user actions 530. If the PIN comparison 880 is incorrect, the process returns to step 870 to request the PIN again. If the PIN is correct, the process completes at step 880 and content playback begins.

[0061] FIG. 5 describes the detail sub-process for determining if a PIN is required using multiple policies. The process begins in step 885 by determining the V-chip policy. If the V-Chip policy is allow, step 895 determines if any rating actions 520 exist. If no rating actions 520 for the content 320 exist, then no PIN is required and the sub-process terminates and the main process continues at step 860 by beginning content playback using the media player application 200.

[0062] If the V-chip policy is block at step 885, rating actions 520 are read in step 890. In either case, whether rating actions 520 exist or not, a PIN is required to view the program. If no rating actions 520 are configured, then the admin PIN 430 is required. In the case of rating actions 520, multiple PINs (user actions 530 and group actions 540) may allow the content to be viewed. The list of PINs that need to be supplied to view the content are determined by reading the content identifier stored within the rating action 520. This content identifier matches the content identifier stored within the user action 530. Using the user identifier stored within the

user action, the correct user PIN can be found from within the user identity 410. When a group action is configured, the content identifier matches the content identifier stored within the group action 540. This group identifier matches the group identifier stored in group associations 420. Then the user identifiers stored within the group association match the user identifiers stored within user identity 410. The process continues in main process step 870 by obtaining a pin.

[0063] The sub-process illustrated in FIG. 5 may be cancelled at any time, and if so, media playback does not begin. For playback devices not using the V-chip, the existing policies and mechanisms used to block content can be augmented using these same methods.

[0064] The policy enforcement system may be implemented such that a user must enter a PIN prior to operating the playback device after the playback device has been powered on. By authenticating once, PIN entry is not required for those programs where the user's PIN is sufficient. This allows the user access to all relevant content based on the data stored in the policy database until the device is powered off, a timeout occurs, or the user explicitly releases the authentication. This process is achieved by modifying the policy enforcement process (see FIG. 4) moving the process block defined by steps 870 and 880 to the beginning of the process in order to obtain the PIN once per session. When a PIN is required by step 850, the PIN is supplied at the beginning of the modified process. This process modification method may allow a more enjoyable user experience in that entering PIN information repeatedly is minimized.

[0065] This process modification also provides a method to control metadata viewing. Authenticating the user and obtaining the PIN prior to metadata display, allows metadata to be filtered according to the rating policy database 500 configuration.

RATINGS POLICY REVIEW AND MODIFICATION

[0066] Once stored, actions (rating actions 520, user actions 530, and group actions 540) can be reviewed, modified, enabled, disabled, or deleted. In all cases, the admin PIN is required for access to the policy information. If the V-chip policy is disabled, the defined processes operate as the default policy allows. Although not described in detail, review or modification of existing policies requires reading the policies from the rating policy database 300 and presenting a user interface for review, modification, enabling, disabling, or deleting. The rating policy review and modification process is a modification of the process described in FIG. 3. The process is modified by initiating the process to display the policies stored in the rating policy database 500,

instead of using content 300. Step 750 is modified to display the rating policy database 500 and provide selection of a rating action 520, user action 530, or group action 540. Step 760 is modified to change the selected action. Step 780 is modified to update the existing action with the new information.

EXPORTING RATINGS POLICIES TO OTHER PLAYBACK DEVICES

[0067] When the rating policy database 500 or authentication database 400 is stored on a device that can be remotely accessed (such as through a network interface device 120), rating policies can be shared amongst different media player applications 200. For example, for any household with multiple playback devices 1000, a single rating policy database 500 can be shared. Sharing databases eliminates the need to manually perform the same configuration and updates on individual playback devices 1000.

[0068] For devices that cannot share rating policy database 500 or authentication database 400, the databases can be exported from one playback device 1000 and imported into another playback device 1000 using either the external storage interface 107 and connecting an external storage device (USB flash, hard disk drive, SD card, or other storage media). The admin PIN is required to export and import the databases. Exporting data is encrypted using industry standard encryption algorithms deriving the encryption key from the admin PIN. Exported data is also authenticated using industry standard hash algorithms such that the data integrity can be determined prior to importing into the second playback device 1000.

ADDITIONAL CONFIGURATION CONSIDERATIONS

[0069] Throughout this specification, plural instances may implement components, operations, or structures described as a single instance. Although individual operations of one or more methods are illustrated and described as separate operations, one or more of the individual operations may be performed concurrently, and nothing requires that the operations be performed in the order illustrated. Structures and functionality presented as separate components in example configurations may be implemented as a combined structure or component. Similarly, structures and functionality presented as a single component may be implemented as separate or distributed components. These and other variations, modifications, additions, and improvements fall within the scope of the subject matter herein.

[0070] Certain embodiments are described herein as including logic or a number of components, modules, or mechanisms. Modules may constitute either software modules (*e.g.*, code embodied on a machine-readable medium or in a transmission signal) or hardware modules. A hardware module is tangible unit capable of performing certain operations and may be configured or arranged in a certain manner. In example embodiments, one or more computer systems (*e.g.*, a standalone, client or server computer system) or one or more hardware modules of a computer system (*e.g.*, a processor or a group of processors) may be configured by software (*e.g.*, an application or application portion) as a hardware module that operates to perform certain operations as described herein.

[0071] In various embodiments, a hardware module may be implemented mechanically or electronically. For example, a hardware module may comprise dedicated circuitry or logic that is permanently configured (*e.g.*, as a special-purpose processor, such as a field programmable gate array (FPGA) or an application-specific integrated circuit (ASIC)) to perform certain operations. A hardware module may also comprise programmable logic or circuitry (*e.g.*, as encompassed within a general-purpose processor or other programmable processor) that is temporarily configured by software to perform certain operations. It will be appreciated that the decision to implement a hardware module mechanically, in dedicated and permanently configured circuitry, or in temporarily configured circuitry (*e.g.*, configured by software) may be driven by cost and time considerations.

[0072] The various operations of example processes described herein, *e.g.*, as described with FIGS. 3, 4 and 5, may be performed, at least partially, by one or more processors that are temporarily configured (*e.g.*, by software) or permanently configured to perform the relevant operations. Whether temporarily or permanently configured, such processors may constitute processor-implemented modules that operate to perform one or more operations or functions. The modules referred to herein may, in some example embodiments, comprise processor-implemented modules.

[0073] The one or more processors may also operate to support performance of the relevant operations in a “cloud computing” environment or as a “software as a service” (SaaS). For example, at least some of the operations may be performed by a group of computers (as examples of machines including processors), these operations being accessible via a network (*e.g.*, the Internet) and via one or more appropriate interfaces (*e.g.*, application program

interfaces (APIs).)

[0074] The performance of certain of the operations may be distributed among the one or more processors, not only residing within a single machine, but deployed across a number of machines. In some example embodiments, the one or more processors or processor-implemented modules may be located in a single geographic location (*e.g.*, within a home environment, an office environment, or a server farm). In other example embodiments, the one or more processors or processor-implemented modules may be distributed across a number of geographic locations.

[0075] Some portions of this specification are presented in terms of algorithms or symbolic representations of operations on data stored as bits or binary digital signals within a machine memory (*e.g.*, a computer memory). These algorithms or symbolic representations are examples of techniques used by those of skill in the data processing arts to convey the substance of their work to others skilled in the art. As used herein, an “algorithm” is a self-consistent sequence of operations or similar processing leading to a desired result. In this context, algorithms and operations involve physical manipulation of physical quantities. Typically, but not necessarily, such quantities may take the form of electrical, magnetic, or optical signals capable of being stored, accessed, transferred, combined, compared, or otherwise manipulated by a machine. It is convenient at times, principally for reasons of common usage, to refer to such signals using words such as “data,” “content,” “bits,” “values,” “elements,” “symbols,” “characters,” “terms,” “numbers,” “numerals,” or the like. These words, however, are merely convenient labels and are to be associated with appropriate physical quantities.

[0076] Unless specifically stated otherwise, discussions herein using words such as “processing,” “computing,” “calculating,” “determining,” “presenting,” “displaying,” or the like may refer to actions or processes of a machine (*e.g.*, a computer) that manipulates or transforms data represented as physical (*e.g.*, electronic, magnetic, or optical) quantities within one or more memories (*e.g.*, volatile memory, non-volatile memory, or a combination thereof), registers, or other machine components that receive, store, transmit, or display information.

[0077] As used herein any reference to “one embodiment” or “an embodiment” means that a particular element, feature, structure, or characteristic described in connection with the embodiment is included in at least one embodiment. The appearances of the phrase “in one embodiment” in various places in the specification are not necessarily all referring to the same

embodiment.

[0078] Some embodiments may be described using the expression “coupled” and “connected” along with their derivatives. For example, some embodiments may be described using the term “coupled” to indicate that two or more elements are in direct physical or electrical contact. The term “coupled,” however, may also mean that two or more elements are not in direct contact with each other, but yet still co-operate or interact with each other. The embodiments are not limited in this context.

[0079] As used herein, the terms “comprises,” “comprising,” “includes,” “including,” “has,” “having” or any other variation thereof, are intended to cover a non-exclusive inclusion. For example, a process, method, article, or apparatus that comprises a list of elements is not necessarily limited to only those elements but may include other elements not expressly listed or inherent to such process, method, article, or apparatus. Further, unless expressly stated to the contrary, “or” refers to an inclusive or and not to an exclusive or. For example, a condition A or B is satisfied by any one of the following: A is true (or present) and B is false (or not present), A is false (or not present) and B is true (or present), and both A and B are true (or present).

[0080] In addition, use of the “a” or “an” are employed to describe elements and components of the embodiments herein. This is done merely for convenience and to give a general sense of the invention. This description should be read to include one or at least one and the singular also includes the plural unless it is obvious that it is meant otherwise.

[0081] All of the above U.S. patents, U.S. patent application publications, U.S. patent applications, foreign patents, foreign patent applications and non-patent publications referred to in this specification and/or listed in the Application Data Sheet, including but not limited to U.S. Provisional Patent Application No. 61/478,204, entitled “ACCESS CONTROLS FOR KNOWN CONTENT,” filed April 22, 2011, is incorporated herein by reference, in its entirety.

[0082] From the foregoing it will be appreciated that, although specific embodiments have been described herein for purposes of illustration, various modifications and variations, may be made in the arrangement, operation and details of the method and apparatus disclosed herein without deviating from the spirit and scope defined in the following claims. For example, still additional alternative structural and functional designs for a system and a process for

provisioning and using a virtual Secure Digital card through the disclosed principles herein are contemplated through the disclosed principles herein. The methods and systems discussed herein also are applicable to other architectures, differing protocols, communication media (optical, wireless, cable, etc.) and devices (such as wireless handsets, electronic organizers, personal digital assistants, portable email machines, game machines, pagers, navigation devices such as GPS receivers, etc.).

25315

CUSTOMER NUMBER

- 19 -

MDIP-1-2402AP

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CLAIMS

1. An apparatus for setting access controls for known digital content, the apparatus comprising:
 - a rating policy management module for selectively setting access control on a per media basis for media of a digital library; and
 - a rating policy enforcement module for enforcing access to the media for at least one user.
2. The apparatus of claim 1, further comprising a rating policy database for storing access controls for media of the digital library.
3. The apparatus of claim 2, further comprising a data port for exporting the policy database to another playback device.
4. A method for creating specific policies for media access, the method comprising:
 - retrieving media information comprising a media access policy;
 - displaying the media access policy;
 - receiving a policy override action; and
 - storing the policy override action.
5. The method of claim 4 further comprising validating an authentication code;
6. The method of claim 4, wherein the authentication code comprises a personal identification number (PIN).
7. The method of claim 5, wherein the authentication code comprises biometric information.
8. The method of claim 4, further comprising displaying the media information, wherein the media information comprises a media rating.

9. The method of claim 4, further comprising displaying the media information, wherein the media information comprises a media owner.

10. The method of claim 4, wherein the policy override action comprises modifying media access for an individual.

11. The method of claim 4, wherein the policy override action comprises modifying media access for a group.

12. A method for media access policy enforcement, the method comprising:
displaying metadata; and
responsive to a user selecting media from the displayed metadata,
responsive to determining that access control is enabled,
reading media information;
reading a default policy action; and
responsive to determining that an authentication code is required,
validating an authentication code; and
beginning playback of the media.

13. The method of claim 12, wherein the authentication code comprises a personal identification number.

14. The method of claim 12, wherein the authentication code comprises biometric information.

15. The method of claim 12, wherein the default policy action is to deny access.

16. The method of claim 12, wherein the media information comprises a rating.

17. The method of claim 12, wherein the media information comprises a genre.

18. The method of claim 12, wherein the media information comprises a media owner.

19. The method of claim 12, further comprising retaining the authentication code during a user's session.

ABSTRACT

Personalized access controls associated with digital media are provided. The system records access controls associated with specific digital media assets in a digital library and creates policy decisions regarding use of the asset based on these settings. Data management for the access controls is also specified, including on an individual and group basis.

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CUSTOMER NUMBER

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MDIP-1-2402AP

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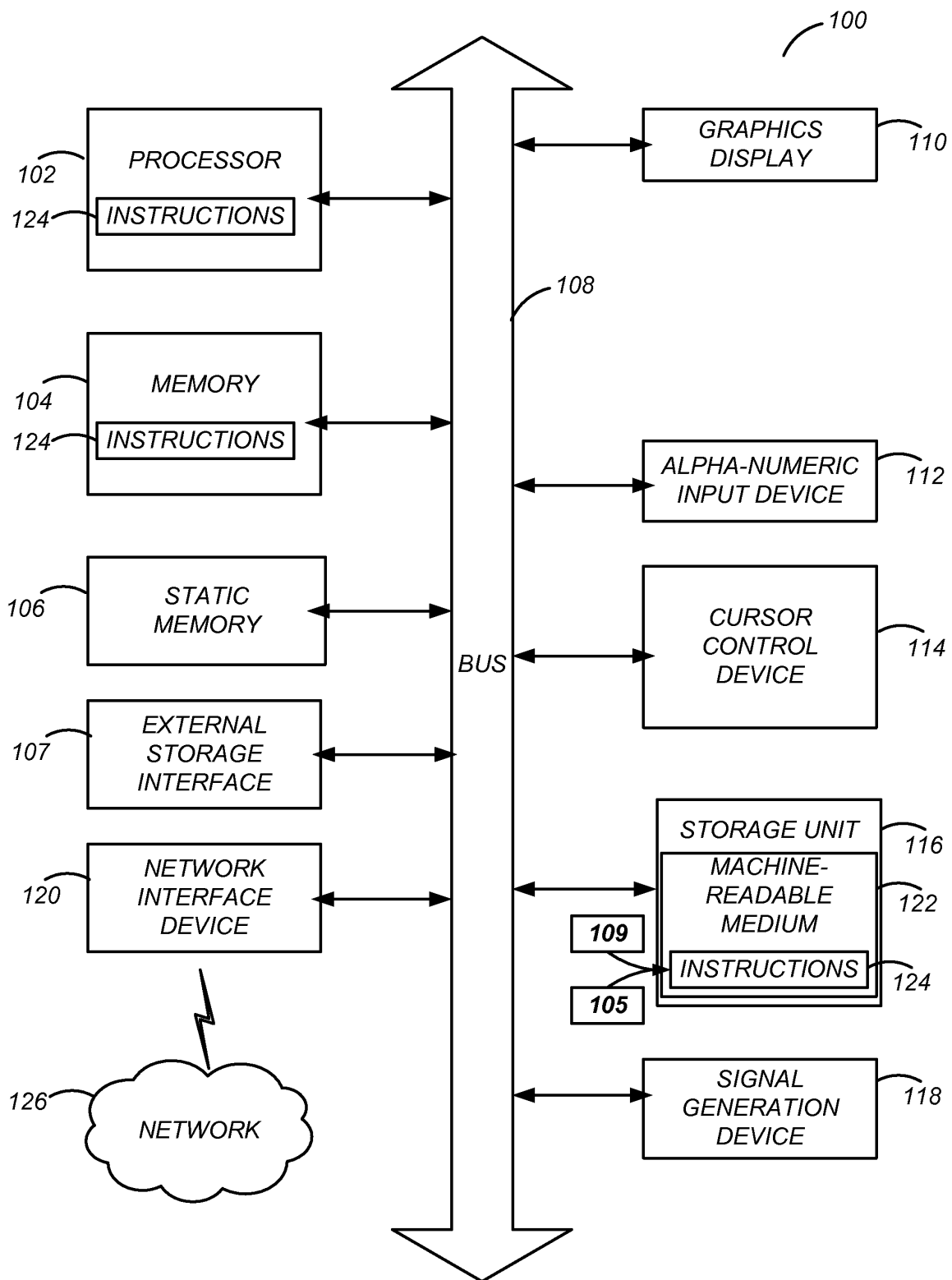


FIG. 1

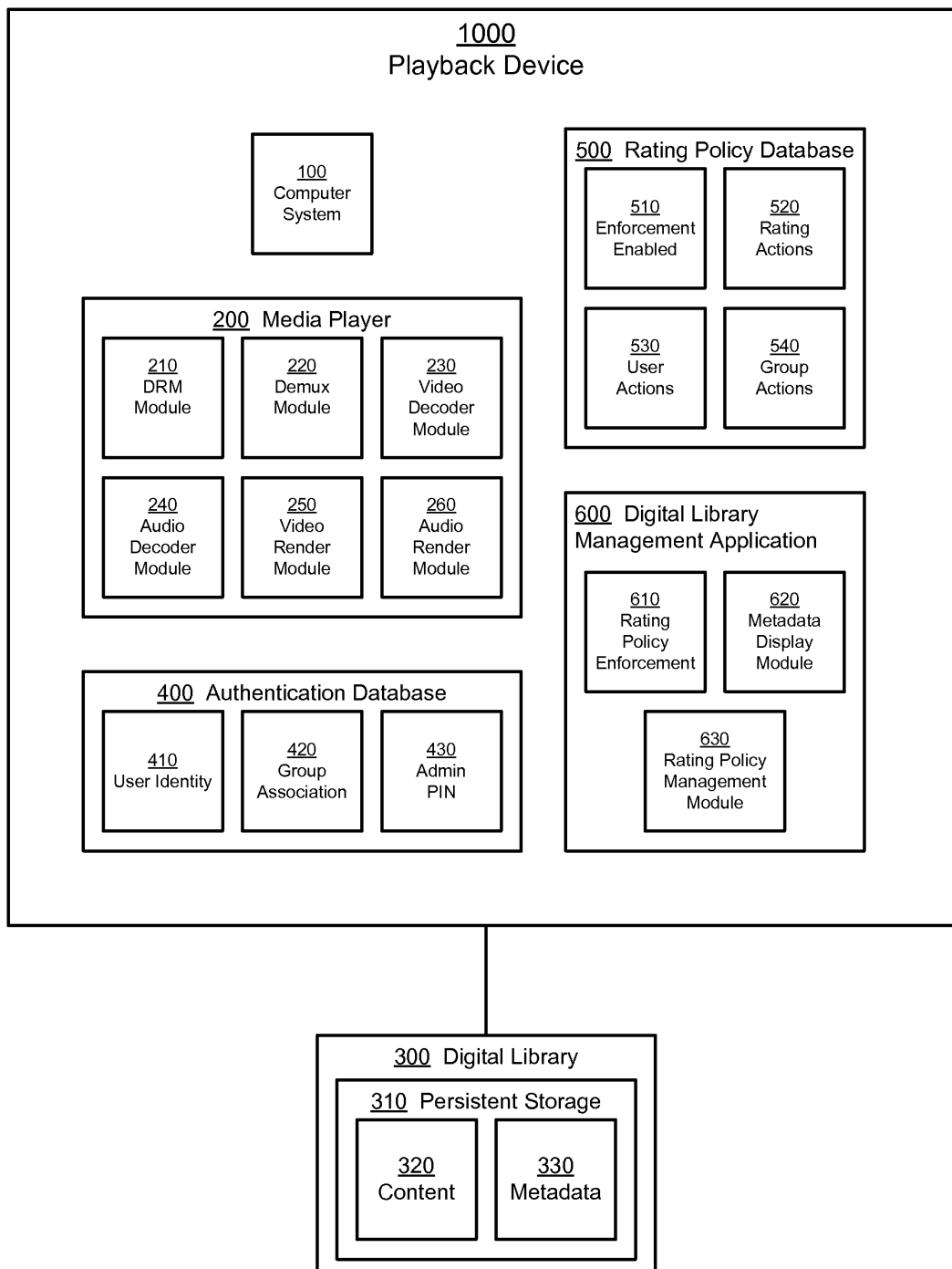
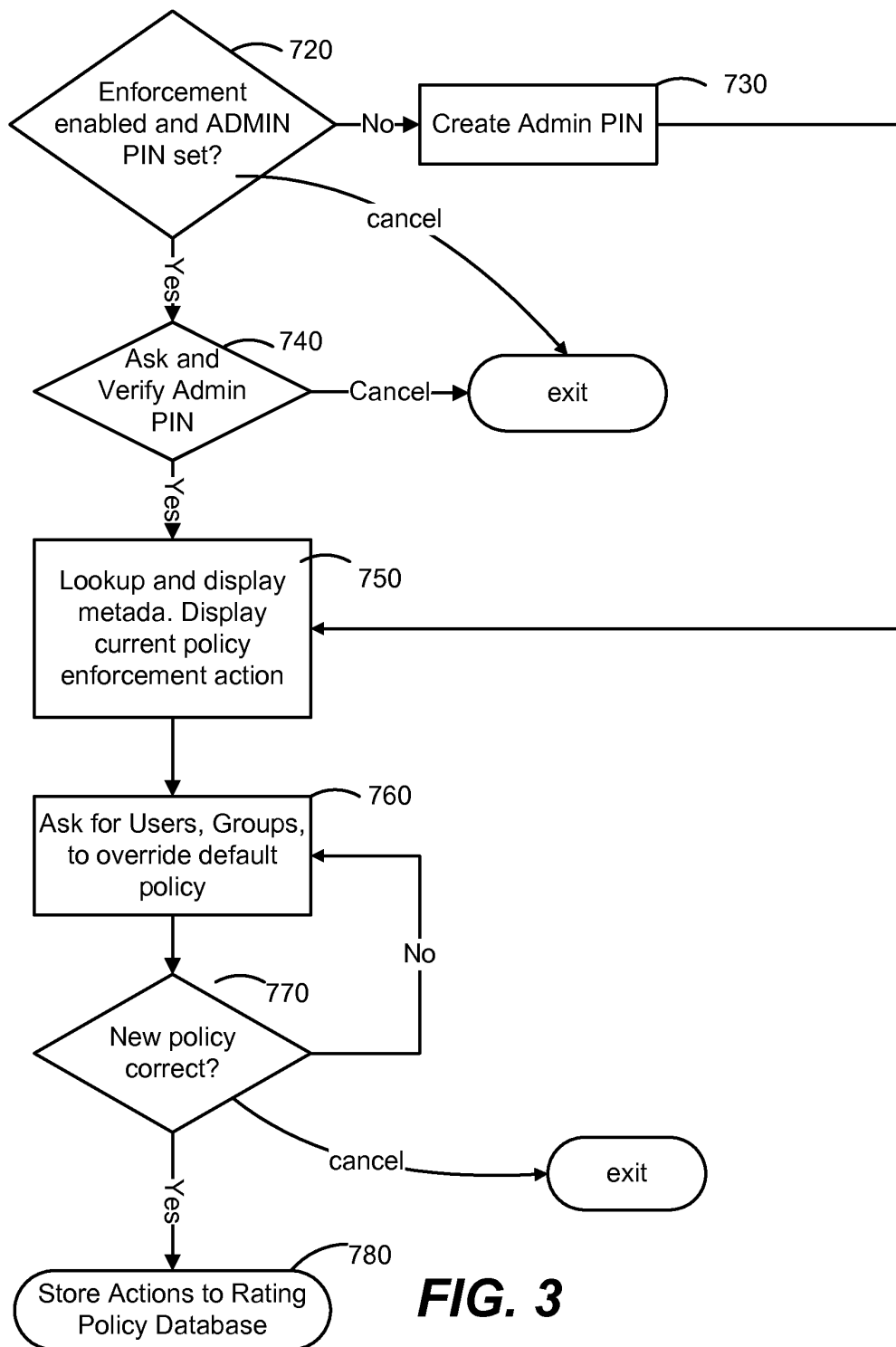


FIG. 2



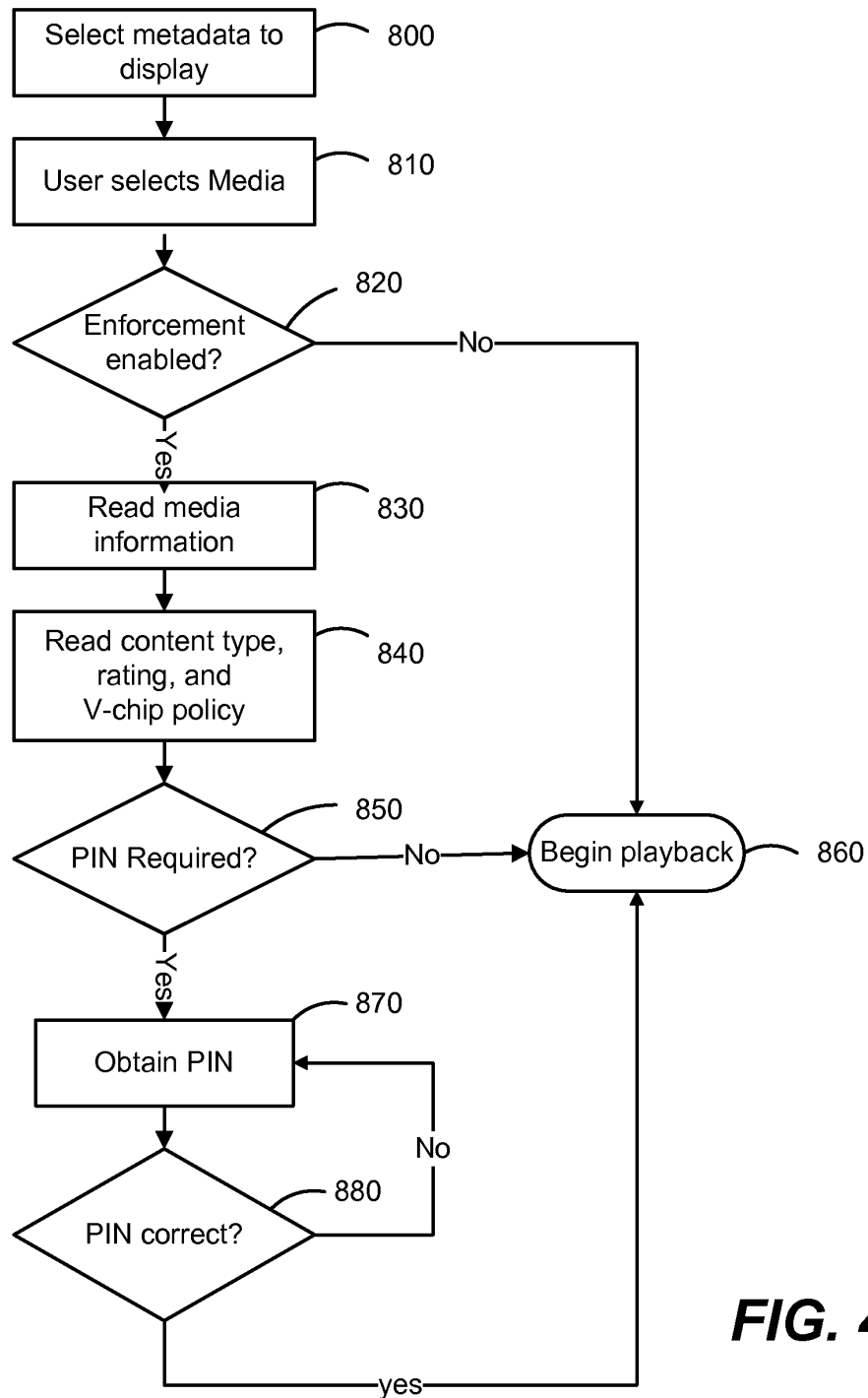


FIG. 4

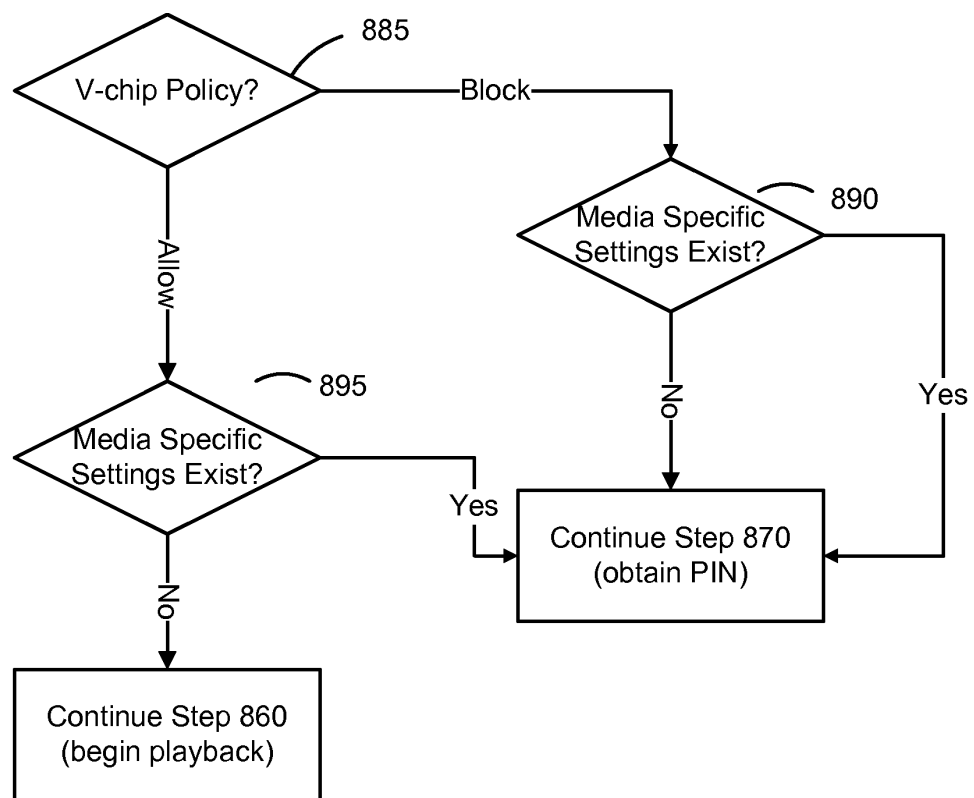


FIG. 5

Electronic Acknowledgement Receipt	
EFS ID:	12587270
Application Number:	13451510
International Application Number:	
Confirmation Number:	2185
Title of Invention:	ACCESS CONTROLS FOR KNOWN CONTENT
First Named Inventor/Applicant Name:	Joseph Zipperer
Customer Number:	25315
Filer:	Ellen M Bierman/Kimberly Papp
Filer Authorized By:	Ellen M Bierman
Attorney Docket Number:	MDIP-1-2402
Receipt Date:	19-APR-2012
Filing Date:	
Time Stamp:	22:37:26
Application Type:	Utility under 35 USC 111(a)

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Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	MDIP-1-2402ADS.pdf	104649	no	3
			a815a7d85b8710203a0e610ae1ee0b9f74c3528d		

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	Specification		1	19	
	Claims		20	22	
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3	Drawings-only black and white line drawings	MDIP-1-2402Figs.pdf	60242 d43f6655390a005f2f35fe6e18b132fd2b32619a	no	5
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875					Application or Docket Number 13/451,510		Filing Date 04/19/2012		☐ To be Mailed		
APPLICATION AS FILED – PART I											
(Column 1)			(Column 2)			SMALL ENTITY ☒ OR		OTHER THAN SMALL ENTITY			
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)		RATE (\$)	FEE (\$)				
☒ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	95		N/A					
☒ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	310		N/A					
☒ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	125		N/A					
TOTAL CLAIMS (37 CFR 1.16(i))	19 minus 20 =	* 0	X \$30 =	0	OR	X \$ =					
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3 minus 3 =	* 0	X \$125 =	0		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 \$250 (\$125 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).					OR						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))			TOTAL			TOTAL					
* If the difference in column 1 is less than zero, enter "0" in column 2.											
APPLICATION AS AMENDED – PART II											
(Column 1)			(Column 2)			(Column 3)		SMALL ENTITY OR		OTHER THAN SMALL ENTITY	
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)	
	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))							OR			
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR			
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE		
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)	
	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))							OR			
	☐ 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".											
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Legal Instrument Examiner:
/EVA GILLIS/

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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
13/451,510	04/19/2012	2423	0.00	MDIP-1-2402	19	3

CONFIRMATION NO. 2185

25315
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701 FIFTH AVENUE
SUITE 4800
SEATTLE, WA 98104

FILING RECEIPT



OC000000054013380

Date Mailed: 05/03/2012

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**

Applicant(s)

Joseph Zipperer, Seattle, WA;
Steven King, Bellevue, WA;
Valiant Seu, Kirkland, WA;

Power of Attorney: None

Domestic Priority data as claimed by applicant

This appln claims benefit of 61/478,204 04/22/2011

Foreign Applications (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see <http://www.uspto.gov> for more information.)

If Required, Foreign Filing License Granted: 04/30/2012

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 13/451,510**

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

ACCESS CONTROLS FOR KNOWN CONTENT

Preliminary Class

725

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set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

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, facilitate, and accelerate 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.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Application or Docket Number 13/451,510	
APPLICATION AS FILED - PART I							
(Column 1)		(Column 2)		SMALL ENTITY		OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE(\$)	FEE(\$)		RATE(\$)	FEE(\$)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	95		N/A	
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A	310		N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	125		N/A	
TOTAL CLAIMS (37 CFR 1.16(j))	19	minus 20 = *	x 30 =	0.00	OR		
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3	minus 3 = *	x 125 =	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			
				TOTAL		TOTAL	
* If the difference in column 1 is less than zero, enter "0" in column 2.				530			
APPLICATION AS AMENDED - PART II							
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY	
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	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	
(Column 1)		(Column 2)		(Column 3)		OTHER THAN SMALL ENTITY	
AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	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 found in the appropriate box in column 1.							



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
13/451,510	04/19/2012	Joseph Zipperer	MDIP-1-2402

CONFIRMATION NO. 2185

FORMALITIES LETTER



25315
LOWE GRAHAM JONES, PLLC
701 FIFTH AVENUE
SUITE 4800
SEATTLE, WA 98104

Date Mailed: 05/03/2012

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$95 to complete the basic filing fee for a small entity.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
Note: If a petition under 37 CFR 1.47 is being filed, an oath or declaration in compliance with 37 CFR 1.63 signed by all available joint inventors, or if no inventor is available by a party with sufficient proprietary interest, is required.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- A surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.16(f) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted.

SUMMARY OF FEES DUE:

Total fee(s) required within **TWO MONTHS** from the date of this Notice is **\$595** for a small entity

- **\$95** Statutory basic filing fee.
- **\$65** Surcharge.
- The application search fee has not been paid. Applicant must submit **\$310** to complete the search fee.
- The application examination fee has not been paid. Applicant must submit **\$125** to complete the examination fee for a small entity in compliance with 37 CFR 1.27.

Replies should be mailed to:

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.

<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

/ygizaw/

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



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
13/451,510	04/19/2012	Joseph Zipperer	MDIP-1-2402

CONFIRMATION NO. 2185

FORMALITIES LETTER



25315
LOWE GRAHAM JONES, PLLC
701 FIFTH AVENUE
SUITE 4800
SEATTLE, WA 98104

Date Mailed: 05/03/2012

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FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

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Mail Stop Missing Parts
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P.O. Box 1450
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/ygizaw/

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

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

**Title of
Invention**

ACCESS CONTROLS FOR KNOWN CONTENT

As the below named inventor(s), I/we declare that:

This declaration
is directed to:

- ☐ The attached application, or
- ☒ United States application or PCT international application number 13/451,510
filed on April 19, 2012
- ☐ As amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

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.

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

Inventor Name: Joseph Zipperer

Date: 15-Aug-2012

Signature: 

Citizen of: US

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

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ACCESS CONTROLS FOR KNOWN CONTENT

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is directed to:

- ☐ The attached application, or
- ☒ United States application or PCT international application number 13/451,510
filed on April 19, 2012
- ☐ As amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

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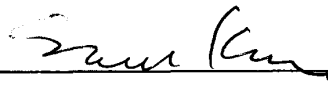
WARNING:

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All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

Inventor Name: Steven King

Date: 8/21/2012

Signature: 

Citizen of: US

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

**Title of
Invention**

ACCESS CONTROLS FOR KNOWN CONTENT

As the below named inventor(s), I/we declare that:

This declaration
is directed to:

- ☐ The attached application, or
- ☒ United States application or PCT international application number 13/451,510
filed on April 19, 2012
- ☐ As amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

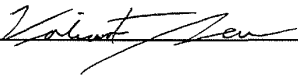
WARNING:

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Inventor Name: Valiant Seu

Date: August 8, 2012

Signature: 

Citizen of: US

Supplemental Application Data Sheet 37 CFR 1.76		Attorney Docket Number	MDIP-1-2402
		Application Number	13/451,510
Title of Invention	ACCESS CONTROLS FOR KNOWN CONTENT		
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 Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Applicant Information:

Applicant	1			
Applicant Authority	☒ Inventor	☐ Legal Representative under 35 U.S.C. 117	☐ Party of Interest under 35 U.S.C 118	
Prefix	Given Name	Middle Name	Family Name	Suffix
	Joseph		Zipperer	
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service				
City	Seattle	State/Province	WA	Country of Residence US
Citizenship under 37 CFR 1.41(b)		US		
Mailing Address of Applicant:				
Address 1	3418 E Denny Way			
Address 2				
City	Seattle	State/Province	WA	
Postal Code	98122	Country	US	
Applicant	2			
Applicant Authority	☒ Inventor	☐ Legal Representative under 35 U.S.C. 117	☐ Party of Interest under 35 U.S.C 118	
Prefix	Given Name	Middle Name	Family Name	Suffix
	Steven		King	
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service				
City	Bellevue	State/Province	WA	Country of Residence US
Citizenship under 37 CFR 1.41(b)		US		
Mailing Address of Applicant:				
Address 1	225 122th Ave NE Apt 427			
Address 2				
City	Bellevue	State/Province	WA	
Postal Code	98004	Country	US	
Applicant	3			
Applicant Authority	☒ Inventor	☐ Legal Representative under 35 U.S.C. 117	☐ Party of Interest under 35 U.S.C 118	
Prefix	Given Name	Middle Name	Family Name	Suffix
	Valiant		Seu	
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service				
City	Kirkland Bellevue	State/Province	WA	Country of Residence US
Citizenship under 37 CFR 1.41(b)		US		
Mailing Address of Applicant:				

Supplemental Application Data Sheet 37 CFR 1.76		Attorney Docket Number	MDIP-1-2402
		Application Number	13/451,510
Title of Invention	ACCESS CONTROLS FOR KNOWN CONTENT		

Address 1	11815 SE 64th Street		
Address 2			
City	Bellevue	State/Province	WA
Postal Code	98006	Country	US

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	25315
Email Address	

Application Information:

Title of the Invention	ACCESS CONTROLS FOR KNOWN CONTENT		
Attorney Docket Number	MDIP-1-2402	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)	5	Suggested Figure for Publication (if any)	2

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).
Enter either 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 Practitioner	☐ Limited Recognition (37 CFR 11.9)
Customer Number	25315		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this 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(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

Prior Application Status	<u>Pending Expired</u>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/451,510	non provisional of	61/478,204	2011-04-22

Supplemental Application Data Sheet 37 CFR 1.76		Attorney Docket Number	MDIP-1-2402
		Application Number	13/451,510
Title of Invention	ACCESS CONTROLS FOR KNOWN CONTENT		

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority if no claimed. 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(a)			
Application Number	Country	Parent Filing Date (YYYY-MM-DD)	Priority Claimed
			☐ Yes ☐ No

Assignee Information:

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office.			
Assignee	1		
If the Assignee is an Organization check here. ☐			
Organization Name			
Mailing Address Information:			
Address 1			
Address 2			
City		State/Province	
Country		Postal Code	
Phone Number		Fax Number	
Email Address			

Signature:

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.					
Signature	/Ellen M. Bierman/		Date (YYYY-MM-DD)	2012-08-28	
First Name	Ellen M.	Last Name	Bierman	Registration Number	38079

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 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.**

Electronic Patent Application Fee Transmittal				
Application Number:		13451510		
Filing Date:		19-Apr-2012		
Title of Invention:		ACCESS CONTROLS FOR KNOWN CONTENT		
First Named Inventor/Applicant Name:		Joseph Zipperer		
Filer:		Ellen M Bierman/Kimberly Papp		
Attorney Docket Number:		MDIP-1-2402		
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Utility filing Fee (Electronic filing)	4011	1	95	95
Utility Search Fee	2111	1	310	310
Utility Examination Fee	2311	1	125	125
Pages:				
Claims:				
Miscellaneous-Filing:				
Late filing fee for oath or declaration	2051	1	65	65
Petition:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 2 months with \$0 paid	2252	1	280	280
Miscellaneous:				
Total in USD (\$)				875

Electronic Acknowledgement Receipt	
EFS ID:	13609866
Application Number:	13451510
International Application Number:	
Confirmation Number:	2185
Title of Invention:	ACCESS CONTROLS FOR KNOWN CONTENT
First Named Inventor/Applicant Name:	Joseph Zipperer
Customer Number:	25315
Filer:	Ellen M Bierman/Kimberly Papp
Filer Authorized By:	Ellen M Bierman
Attorney Docket Number:	MDIP-1-2402
Receipt Date:	28-AUG-2012
Filing Date:	19-APR-2012
Time Stamp:	18:20:13
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Electronic Funds Transfer
Payment was successfully received in RAM	\$ 875
RAM confirmation Number	5249
Deposit Account	
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
-----------------	----------------------	-----------	-------------------------------------	------------------	------------------

1	Transmittal Letter	MDIP-1-2402RNFMP.pdf	87337	no	1
			44f127021e7a7e18346887c886f6ace241b140dd		
Warnings:					
Information:					
2	Extension of Time	MDIP-1-2402EOT01-RNFMP.pdf	305036	no	2
			c09ad94eccd536a104d9c50e46a4d1811bd7c7c59		
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Information:					
3	Applicant Response to Pre-Exam Formalities Notice	MDIP-1-2402NFMP.pdf	64423	no	2
			72074b368d5e57fc470f5c622114906689610f00		
Warnings:					
Information:					
4	Oath or Declaration filed	MDIP-1-2402XDec.pdf	234745	no	3
			02895584861fb3404a8eb1454e3656f555c486c7		
Warnings:					
Information:					
5	Application Data Sheet	MDIP-1-2402SuppADS.pdf	106562	no	3
			6ddafb0fb20e9ebdc4fb62aa9727c96a282745d9e		
Warnings:					
Information:					
This is not an USPTO supplied ADS fillable form					
6	Fee Worksheet (SB06)	fee-info.pdf	38837	no	2
			a3526e902d44063faff6944d3e8fea5326c666a3		
Warnings:					
Information:					
Total Files Size (in bytes):			836940		

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.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Joseph Zipperer et al.
Application No. : 13/451,510
Filed : April 19, 2012
For : ACCESS CONTROLS FOR KNOWN CONTENT

Art Unit : 2423
Docket No. : MDIP-1-2402
Date : August 28, 2012

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR MISSING PARTS

TO THE COMMISSIONER OF PATENTS:

Enclosed with this transmittal letter are the following papers:

1. Petition for Extension of Time (2 months), with Fees (\$280);
2. Copy of the Notice to File Missing Parts;
3. Executed Declaration for Utility Application;
4. Supplemental Application Data Sheet; and
5. Application Filing Fees (\$530) and Missing Parts Surcharge (\$65).

Respectfully submitted,

LOWE GRAHAM JONES ^{PLLC}

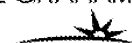


Ellen M. Bierman
Registration No. 38,079

EMB:kp

25315
CUSTOMER NUMBER

1
MDIP-1-2402RNFMP

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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) MDIP-1-2402																								
Application Number 13/451,510	Filed April 19 2012																								
For ACCESS CONTROLS FOR KNOWN CONTENT																									
Art Unit 2423	Examiner																								
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): <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;"></th> <th style="width: 15%; text-align: center;"><u>Fee</u></th> <th style="width: 15%; text-align: center;"><u>Small Entity Fee</u></th> <th style="width: 30%;"></th> </tr> </thead> <tbody> <tr> <td>☐ One month (37 CFR 1.17(a)(1))</td> <td style="text-align: center;">\$150</td> <td style="text-align: center;">\$75</td> <td style="text-align: center;">\$ _____</td> </tr> <tr> <td>☒ Two months (37 CFR 1.17(a)(2))</td> <td style="text-align: center;">\$560</td> <td style="text-align: center;">\$280</td> <td style="text-align: center;">\$ <u>280</u></td> </tr> <tr> <td>☐ Three months (37 CFR 1.17(a)(3))</td> <td style="text-align: center;">\$1270</td> <td style="text-align: center;">\$635</td> <td style="text-align: center;">\$ _____</td> </tr> <tr> <td>☐ Four months (37 CFR 1.17(a)(4))</td> <td style="text-align: center;">\$1980</td> <td style="text-align: center;">\$990</td> <td style="text-align: center;">\$ _____</td> </tr> <tr> <td>☐ Five months (37 CFR 1.17(a)(5))</td> <td style="text-align: center;">\$2690</td> <td style="text-align: center;">\$1345</td> <td style="text-align: center;">\$ _____</td> </tr> </tbody> </table> ☒ Applicant claims small entity status. See 37 CFR 1.27. ☐ 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 <u>501050</u>. 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/inventor. ☐ assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed (Form PTO/SB/96). ☒ attorney or agent of record. Registration Number <u>38,079</u> ☐ attorney or agent under 37 CFR 1.34. Registration number if acting under 37 CFR 1.34 _____ <u>/Ellen M. Bierman/</u> Signature <u>Ellen M. Bierman</u> Typed or printed name <u>August 28, 2012</u> Date <u>(206) 381-3300</u> Telephone Number NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below. ☒ Total of <u>1</u> forms are submitted.			<u>Fee</u>	<u>Small Entity Fee</u>		☐ One month (37 CFR 1.17(a)(1))	\$150	\$75	\$ _____	☒ Two months (37 CFR 1.17(a)(2))	\$560	\$280	\$ <u>280</u>	☐ Three months (37 CFR 1.17(a)(3))	\$1270	\$635	\$ _____	☐ Four months (37 CFR 1.17(a)(4))	\$1980	\$990	\$ _____	☐ Five months (37 CFR 1.17(a)(5))	\$2690	\$1345	\$ _____
	<u>Fee</u>	<u>Small Entity Fee</u>																							
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☐ Four months (37 CFR 1.17(a)(4))	\$1980	\$990	\$ _____																						
☐ Five months (37 CFR 1.17(a)(5))	\$2690	\$1345	\$ _____																						

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: 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.
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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.
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.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Application or Docket Number 13/451,510	
APPLICATION AS FILED - PART I							
(Column 1)		(Column 2)		SMALL ENTITY		OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE(\$)	FEE(\$)		RATE(\$)	FEE(\$)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	95		N/A	
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A	310		N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	125		N/A	
TOTAL CLAIMS (37 CFR 1.16(j))	19	minus 20 = *	x 30 =	0.00	OR		
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3	minus 3 = *	x 125 =	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			
			TOTAL	530		TOTAL	
* If the difference in column 1 is less than zero, enter "0" in column 2.							
APPLICATION AS AMENDED - PART II							
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY	
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	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	
(Column 1)		(Column 2)		(Column 3)		OTHER THAN SMALL ENTITY	
AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	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 found in the appropriate box in column 1.							



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www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
13/451,510	04/19/2012	2423	595	MDIP-1-2402	19	3

CONFIRMATION NO. 2185

UPDATED FILING RECEIPT



OC000000056322642

25315
LOWE GRAHAM JONES, PLLC
701 FIFTH AVENUE
SUITE 4800
SEATTLE, WA 98104

Date Mailed: 09/07/2012

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**

Applicant(s)

Joseph Zipperer, Seattle, WA;
Steven King, Bellevue, WA;
Valiant Seu, Bellevue, WA;

Power of Attorney: None

Domestic Priority data as claimed by applicant

This appln claims benefit of 61/478,204 04/22/2011

Foreign Applications (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see <http://www.uspto.gov> for more information.)

If Required, Foreign Filing License Granted: 04/30/2012

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 13/451,510**

Projected Publication Date: 12/13/2012

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

ACCESS CONTROLS FOR KNOWN CONTENT

Preliminary Class

725

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>.

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page 2 of 3

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
13/451,510	04/19/2012	Joseph Zipperer	MDIP-1-2402

CONFIRMATION NO. 2185

25315
LOWE GRAHAM JONES, PLLC
701 FIFTH AVENUE
SUITE 4800
SEATTLE, WA 98104

PUBLICATION NOTICE



Title:ACCESS CONTROLS FOR KNOWN CONTENT

Publication No.US-2012-0315019-A1

Publication Date:12/13/2012

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.

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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 Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		13451510	
	Filing Date		2012-04-19	
	First Named Inventor	Joseph Zipperer et al.		
	Art Unit	2484		
	Examiner Name	Mishawn N. Dunn		
	Attorney Docket Number	MDIP-1-2402		

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6697944	B1	2004-02-24	Jones et al.	
	2	6859791	B1	2005-02-22	Spagna et al.	
	3	7779064	B2	2010-08-17	Phillips	
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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20030220835	A1	2003-11-27	Barnes, Jr.	
	2	20040010601	A1	2004-01-15	Afergan et al.	
	3	20050044280	A1	2005-02-24	Reisman	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		13451510	
	Filing Date		2012-04-19	
	First Named Inventor	Joseph Zipperer et al.		
	Art Unit	2484		
	Examiner Name	Mishawn N. Dunn		
	Attorney Docket Number	MDIP-1-2402		

	4	20060156355	A1	2006-07-13	Kawasaki et al.	
	5	20080075437	A1	2008-03-27	Hamada et al.	
	6	20080133546	A1	2008-06-05	Phillips	
	7	20080271154	A1	2008-10-30	Kamada et al.	
	8	20090164709	A1	2009-06-25	Lee et al.	
	9	20090282454	A1	2009-11-12	Ekstrand	
	10	20090313432	A1	2009-12-17	Spence et al.	
	11	20100262912	A1	2010-10-14	Cha	
	12	20100293581	A1	2010-11-18	Robert	
	13	20110091187	A1	2011-04-21	Duffin et al.	
	14	20110093622	A1	2011-04-21	Hahn et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		13451510	
	Filing Date		2012-04-19	
	First Named Inventor	Joseph Zipperer et al.		
	Art Unit	2484		
	Examiner Name	Mishawn N. Dunn		
	Attorney Docket Number	MDIP-1-2402		

	15	20110197131	A1	2011-08-11	Duffin et al.	
	16	20120124390	A1	2012-05-17	Zipperer et al.	
	17	20120254629	A1	2012-10-04	Zipperer et al.	
	18	20120324244	A1	2012-12-20	Zipperer et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button. **Add**

FOREIGN PATENT DOCUMENTS

Remove

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							☐

If you wish to add additional Foreign Patent Document citation information please click the Add button **Add**

NON-PATENT LITERATURE DOCUMENTS

Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	YOUNG; International Search Report for PCT/US07/22007; mailed May 5, 2008; 1 page	☐

If you wish to add additional non-patent literature document citation information please click the Add button **Add**

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	13451510
	Filing Date	2012-04-19
	First Named Inventor	Joseph Zipperer et al.
	Art Unit	2484
	Examiner Name	Mishawn N. Dunn
	Attorney Docket Number	MDIP-1-2402

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	13451510
	Filing Date	2012-04-19
	First Named Inventor	Joseph Zipperer et al.
	Art Unit	2484
	Examiner Name	Mishawn N. Dunn
	Attorney Docket Number	MDIP-1-2402

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Ellen M. Bierman/	Date (YYYY-MM-DD)	2013-04-19
Name/Print	Ellen M. Bierman	Registration Number	38079

This collection of information is required by 37 CFR 1.97 and 1.98. 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 1 hour 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.**

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 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 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.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 07/22007

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - G06F 15/173 (2008.01) USPC - 709/223 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) USPC - 709/223 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC - 709/223, 225-227, \$ Search Terms Below Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWEST (USPT, PGPB, EPAB, JPAB); google.com Search Terms Used: content-distribution, device, consumer, download, determining, local, interrogate, back-end, hierarchy, hierarchical, servers, intermediate		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,697,944 B1 (JONES et al.) 24 February 2004 (24.02.2004) entire document, especially Abstract; col. 4, ln. 45-65; col. 7, ln. 39-65; col. 8, ln. 40-67; col. 9, ln. 1-20; col. 11, ln. 45-61; col. 15, ln. 27-42	1a, 1b,2-10
A	US 6,859,791 B2 (SPAGNA et al.) 22 February 2005 (22.02.2005) entire document, especially Abstract	1a, 1b,2-10
☐ Further documents are listed in the continuation of Box C. ☐		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 12 March 2008 (12.03.2008)		Date of mailing of the international search report 05 MAY 2008
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201		Authorized officer: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774

Form PCT/ISA/210 (second sheet) (April 2007)

Electronic Acknowledgement Receipt	
EFS ID:	15576439
Application Number:	13451510
International Application Number:	
Confirmation Number:	2185
Title of Invention:	ACCESS CONTROLS FOR KNOWN CONTENT
First Named Inventor/Applicant Name:	Joseph Zipperer
Customer Number:	25315
Filer:	Ellen M Bierman/Kimberly Papp
Filer Authorized By:	Ellen M Bierman
Attorney Docket Number:	MDIP-1-2402
Receipt Date:	22-APR-2013
Filing Date:	19-APR-2012
Time Stamp:	14:19:05
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	MDIP-1-2402IDS01.pdf	613069 c663f74a839f3fbcf32dd525ab1929042ed193dd	no	6

Warnings:

Information:

2	Non Patent Literature	PCTSearchReportPCTUS0722007.pdf	54304 675b1663fads22bc7f31032ed0b7f44d66359b8a	no	1
Warnings:					
Information:					
Total Files Size (in bytes):				667373	
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. <u>New Applications Under 35 U.S.C. 111</u> 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. <u>National Stage of an International Application under 35 U.S.C. 371</u> 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. <u>New International Application Filed with the USPTO as a Receiving Office</u> 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.					



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/451,510	04/19/2012	Joseph Zipperer	MDIP-1-2402	2185

25315	7590	09/10/2013
LOWE GRAHAM JONES, PLLC		
701 FIFTH AVENUE		
SUITE 4800		
SEATTLE, WA 98104		

EXAMINER	
DUNN, MISHAWN N	

ART UNIT	PAPER NUMBER
2484	

NOTIFICATION DATE	DELIVERY MODE
09/10/2013	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):

patentdocketing@lowegrahamjones.com
docketing-patent@lowegrahamjones.com

Office Action Summary	Application No. 13/451,510	Applicant(s) ZIPPERER ET AL.	
	Examiner MISHAWN DUNN	Art Unit 2484	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 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, 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 19 April 2012.
☐ 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) 1-19 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) 1-19 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 19 April 2012 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/08)
Paper No(s)/Mail Date ____.
- 3) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 4) ☐ Other: ____.

DETAILED ACTION

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. Claim(s) 4-19 is/are rejected under 35 U.S.C. 101 as not falling within one of the four statutory categories of invention. While the claims recite a series of steps or acts to be performed, a statutory “process” under 35 U.S.C. 101 must (1) be tied to another statutory category (such as a particular apparatus), or (2) transform underlying subject matter (such as an article or material) to a different state or thing (Reference the May 15, 2008 memorandum issued by Deputy Commissioner for Patent Examining Policy, John J. Love, titled “Clarification of ‘Processes’ under 35 U.S.C. 101”). The instant claims neither transform underlying subject matter nor positively tie to another statutory category that accomplishes the claimed method steps, and therefore do not qualify as a statutory process.

Claim Rejections - 35 USC § 102

3. 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 –
(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.

4. Claims 1, 2, and 4-19 are rejected under pre-AIA 35 U.S.C. 102(e) as being anticipated by Maharajh et al. (US Pub. No. 2011/0225417).
5. Consider claim 1. Maharajh et al. teaches an apparatus for setting access controls for known digital content, the apparatus comprising: a rating policy management module for selectively setting access control on a per media basis for media of a digital library (abstract; paras. 0025-0027, 0285, 0486, and 0620 describes setting access control); and a rating policy enforcement module for enforcing access to the media for at least one user (abstract; paras. 0025-0027, 0285, 0486, and 0620 describes enforcing access control).
6. Consider claim 2. Maharajh et al. teaches the apparatus of claim 1, further comprising a rating policy database for storing access controls for media of the digital library (para. 0340 describes a media object DRM container).
7. Consider claim 4. Maharajh et al. teaches a method for creating specific policies for media access, the method comprising: retrieving media information comprising a media access policy user (abstract; paras. 0025-0027, 0285, 0486, and 0620 describes retrieving media information comprising a media access policy user); displaying the media access policy; receiving a policy override action; and storing the policy override action (para. 0712 describes an override action).
8. Consider claim 5. Maharajh et al. teaches the method of claim 4 further comprising validating an authentication code (para. 0376 describes validating an authentication code).

9. Consider claim 6. Maharajh et al. teaches the method of claim 4, wherein the authentication code comprises a personal identification number (PIN) (para. 0376 describes a PIN as an authentication code).
10. Consider claim 7. Maharajh et al. teaches the method of claim 5, wherein the authentication code comprises biometric information (para. 0721 describes biometric information as an authentication code).
11. Consider claim 8. Maharajh et al. teaches the method of claim 4, further comprising displaying the media information, wherein the media information comprises a media rating (para. 0677 describes a media rating).
12. Consider claim 9. Maharajh et al. teaches the method of claim 4, further comprising displaying the media information, wherein the media information comprises a media owner (para. 0631 describes a media owner).
13. Consider claim 10. Maharajh et al. teaches the method of claim 4, wherein the policy override action comprises modifying media access for an individual (para. 0588 describes unicast distribution).
14. Consider claim 11. Maharajh et al. teaches the method of claim 4, wherein the policy override action comprises modifying media access for a group (para. 0588 describes multicast distribution).
15. Consider claim 12. Maharajh et al. teaches a method for media access policy enforcement, the method comprising: displaying metadata (para. 0292 describes displaying content catalog); and responsive to a user selecting media from the displayed metadata, responsive to determining that access control is enabled, reading

media information (para. 0292 describes reading media information); reading a default policy action (para. 0292 describes reading a default policy action_; and responsive to determining that an authentication code is required, validating an authentication code (para. 0292 describes authenticating and validating the user); and beginning playback of (para. 0292 describes playing the content).

16. Consider claim 15. Maharajh et al. teaches the method of claim 12, wherein the default policy action is to deny access (para. 0427 describes refusing service to outdated applications).

17. Consider claim 17. Maharajh et al. teaches the method of claim 12, wherein the media information comprises a genre (paras. 0593 and 0594 describe the media information comprising a genre).

18. Consider claim 19. Maharajh et al. teaches the method of claim 12, further comprising retaining the authentication code during a user's session (para. 0436 describes saving authentication data in storage).

19. Claims 13, 14, 16, and 18 are rejected using similar reasoning as the corresponding claims above.

Claim Rejections - 35 USC § 103

20. 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 negated by the manner in which the invention was made.

21. Claim 3 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Maharajh et al. (US Pub. No. 2011/0225417) in view of Lee et al. (US Pub. No. 2007/0219921).

22. Consider claim 3. Maharajh et al. teaches all claimed limitations as state above, except a data port for exporting the policy database to another playback device.

However, Lee et al. teaches a data port for exporting the policy database to another playback device (para. 0068 describes exporting the digital rights from a first device to a second device).

Therefore, it would have been obvious to one with ordinary skill in the art, at the time the invention was made to use, to export the policy database to another playback device, in order to allow the user to play the encrypted content on a second trusted device.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MISHAWN DUNN whose telephone number is (571)272-7635. The examiner can normally be reached on Monday - Friday 7:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Tran can be reached on (571)272-7382. 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.

/MISHAWN DUNN/
Examiner, Art Unit 2484

/Hung Q Dang/
Primary Examiner, Art Unit 2484

Notice of References Cited	Application/Control No. 13/451,510	Applicant(s)/Patent Under Reexamination ZIPPERER ET AL.	
	Examiner MISHAWN DUNN	Art Unit 2484	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2004/0010601	01-2004	Afergan et al.	709/229
*	B	US-2007/0219921	09-2007	Lee et al.	705/59
*	C	US-2009/0150487	06-2009	Wolfish et al.	709/203
*	D	US-2011/0225417	09-2011	Maharajh et al.	713/150
	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	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. 13451510	Applicant(s)/Patent Under Reexamination ZIPPERER ET AL.
	Examiner MISHAWN DUNN	Art Unit 2484

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
713	150-155,168,176,180,182-186,189	8/10/2013	MD
380	251,270	8/10/2013	MD
463	29	8/10/2013	MD

SEARCH NOTES		
Search Notes	Date	Examiner
performed EAST search (search history attached)	8/10/2013	MD

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

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EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	42	("20030220835" "20040010601" "20050044280" "20060156355" "20080075437" "20080133546" "20080271154" "20090164709" "20090282454" "20090313432" "20100262912" "20100293581" "20110091187" "20110093622" "20110197131" "20120124390" "20120254629" "20120324244" "6697944" "6859791" "7779064").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/08/10 21:31
S2	16	S1 and portable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/08/10 21:36
S3	15	S1 and authenticat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/08/10 21:39
S4	147	(access with control\$4) and (rating with (manag\$5 or enforc\$5)) and (playback or reproduc\$4) and overrid\$3 and authenticat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/08/10 21:43
S5	6	(access with control\$4) and (rating with (manag\$5 or enforc\$5)) and (playback or reproduc\$4) and overrid\$3 and (authenticat\$3 with (pin and (biometric or fingerprint or handprint or eye\$5)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/08/10 21:44

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		13451510	
	Filing Date		2012-04-19	
	First Named Inventor	Joseph Zipperer et al.		
	Art Unit	2484		
	Examiner Name	Mishawn N. Dunn		
	Attorney Docket Number	MDIP-1-2402		

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
/M.D./	1	6697944	B1	2004-02-24	Jones et al.	
/M.D./	2	6859791	B1	2005-02-22	Spagna et al.	
/M.D./	3	7779064	B2	2010-08-17	Phillips	

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/M.D./	1	20030220835	A1	2003-11-27	Barnes, Jr.	
/M.D./	2	20040010601	A1	2004-01-15	Afergan et al.	
/M.D./	3	20050044280	A1	2005-02-24	Reisman	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		13451510	
	Filing Date		2012-04-19	
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	Art Unit	2484		
	Examiner Name	Mishawn N. Dunn		
	Attorney Docket Number	MDIP-1-2402		

/M.D./	4	20060156355	A1	2006-07-13	Kawasaki et al.	
/M.D./	5	20080075437	A1	2008-03-27	Hamada et al.	
/M.D./	6	20080133546	A1	2008-06-05	Phillips	
/M.D./	7	20080271154	A1	2008-10-30	Kamada et al.	
/M.D./	8	20090164709	A1	2009-06-25	Lee et al.	
/M.D./	9	20090282454	A1	2009-11-12	Ekstrand	
/M.D./	10	20090313432	A1	2009-12-17	Spence et al.	
/M.D./	11	20100262912	A1	2010-10-14	Cha	
/M.D./	12	20100293581	A1	2010-11-18	Robert	
/M.D./	13	20110091187	A1	2011-04-21	Duffin et al.	
/M.D./	14	20110093622	A1	2011-04-21	Hahn et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		13451510	
	Filing Date		2012-04-19	
	First Named Inventor	Joseph Zipperer et al.		
	Art Unit	2484		
	Examiner Name	Mishawn N. Dunn		
	Attorney Docket Number	MDIP-1-2402		

/M.D./	15	20110197131	A1	2011-08-11	Duffin et al.	
/M.D./	16	20120124390	A1	2012-05-17	Zipperer et al.	
/M.D./	17	20120254629	A1	2012-10-04	Zipperer et al.	
/M.D./	18	20120324244	A1	2012-12-20	Zipperer et al.	

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EXAMINER SIGNATURE

Examiner Signature	/Mishawn Dunn/	Date Considered	08/12/2013
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	13451510
	Filing Date	2012-04-19
	First Named Inventor	Joseph Zipperer et al.
	Art Unit	2484
	Examiner Name	Mishawn N. Dunn
	Attorney Docket Number	MDIP-1-2402

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	13451510
Filing Date	2012-04-19
First Named Inventor	Joseph Zipperer et al.
Art Unit	2484
Examiner Name	Mishawn N. Dunn
Attorney Docket Number	MDIP-1-2402

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

- ☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

- ☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

- ☐ See attached certification statement.
- ☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- ☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Ellen M. Bierman/	Date (YYYY-MM-DD)	2013-04-19
Name/Print	Ellen M. Bierman	Registration Number	38079

This collection of information is required by 37 CFR 1.97 and 1.98. 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 1 hour 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 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:

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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.

<i>Index of Claims</i> 	Application/Control No. 13451510	Applicant(s)/Patent Under Reexamination ZIPPERER ET AL.
	Examiner MISHAWN DUNN	Art Unit 2484

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47										
CLAIM		DATE								
Final	Original	08/12/2013								
	1	✓								
	2	✓								
	3	✓								
	4	✓								
	5	✓								
	6	✓								
	7	✓								
	8	✓								
	9	✓								
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	12	✓								
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	15	✓								
	16	✓								
	17	✓								
	18	✓								
	19	✓								

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Joseph Zipperer, *et al.*
Application No. : 13/451,510
Filed : April 19, 2012
For : ACCESS CONTROLS FOR KNOWN CONTENT

Examiner : Mishawn N. Dunn
Art Unit : 2484
Docket No. : MDIP-1-2402
Date : December 10, 2013

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Commissioner for Patents:

In response to the Office Action dated September 10, 2013, please amend the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 5 of this paper.

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LOWE GRAHAM JONES LLP

701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An apparatus for setting rating based access controls for known digital content to be played on a video playback device having a V-chip, the apparatus comprising:

a rating policy management module for selectively setting rating based access control on a per media basis for ~~media-digital content~~ of a digital library thereby overriding a policy set by the V-chip for access to the digital content from the video playback device; and

a rating policy enforcement module for enforcing rating based access to the ~~media~~ individual digital content for at least one user.

2. (Currently Amended) The apparatus of claim 1, further comprising a rating policy database for storing rating based access controls for ~~media-digital content~~ of the digital library.

3. (Original) The apparatus of claim 2, further comprising a data port for exporting the policy database to another playback device.

4. (Currently Amended) A method in a computing system for creating specific policies for media access, the method comprising:

under control of the computing system having a memory and a processor performing the acts of:

retrieving media information from the memory comprising a rating based media access policy for a digital content;

displaying the rating based media access policy to a user;

receiving from the user a rating based access control policy override action; and

storing the policy override action in a rating policy repository such that future playback of the digital content are allowed or blocked consistent with the stored policy override action.

5. (Original) The method of claim 4 further comprising validating an authentication code;

6. (Original) The method of claim 4, wherein the authentication code comprises a personal identification number (PIN).

7. (Original) The method of claim 5, wherein the authentication code comprises biometric information.

8. (Original) The method of claim 4, further comprising displaying the media information, wherein the media information comprises a media rating.

9. (Original) The method of claim 4, further comprising displaying the media information, wherein the media information comprises a media owner.

10. (Original) The method of claim 4, wherein the policy override action comprises modifying media access for an individual.

11. (Original) The method of claim 4, wherein the policy override action comprises modifying media access for a group.

12. (Currently Amended) A method in a computing system for rating based media access policy enforcement, the method comprising:

under control of a video playback device having a V-chip that specifies default rating based access policy, performing the acts of:

displaying metadata; and

responsive to a user selecting media from the displayed metadata, and responsive to determining that rating based access control configured to override the V-chip default rating based access policy is enabled;

reading media information;

reading a default rating based access policy action; and

responsive to determining that an authentication code is required;

validating an authentication code; and

beginning playback of the media.

13. (Original) The method of claim 12, wherein the authentication code comprises a personal identification number.

14. (Original) The method of claim 12, wherein the authentication code comprises biometric information.

15. (Currently Amended) The method of claim 12, wherein the default rating based access policy action is to deny access.

16. (Original) The method of claim 12, wherein the media information comprises a rating.

17. (Original) The method of claim 12, wherein the media information comprises a genre.

18. (Original) The method of claim 12, wherein the media information comprises a media owner.

19. (Original) The method of claim 12, further comprising retaining the authentication code during a user's session.

REMARKS

Claims 1-19 are pending in this application. No claims have been canceled. Applicant has amended claims 1, 2, 4, 12, and 15 to clarify that the access controls referred to in the claims are rating based access controls used (*e.g.*, by parents) to override rating policies set by V-chips for the media industry and to address minor typographical and stylistic issues. No new matter has been introduced by way of these amendments. For example, support for these amendments may be found in Applicant's Specification (hereinafter "Spec.") at least in paragraphs [0004]-[0010], [0030], [0031], [0040]-[0049], [0050]-[0056], [0060]-[0064], and [0068] and in Figures 3-5.

35 U.S.C. § 101 Rejection

The Examiner rejected claims 4-19 under 35 U.S.C. § 101 as allegedly not falling within one of the four categories of invention. In particular, the Examiner has rejected these method claims under the "machine-or-transformation" test of *In re Bilski*, 88 USPQ2d 1385 (Fed. Cir. 2008), as not reciting patentable subject matter, because neither a specific apparatus is cited nor a transformation of underlying physical matter. Applicant has amended claims 4 and 12 to recite a specific machine. In particular, claim 4 has been amended to recite,

4. A method in a computing system for creating specific policies for media access, the method comprising:
under control of the computing system having a memory and a processor performing the acts of:
[recitation of acts...]

Similarly, claim 12 has been amended to recite,

12. A method in a computing system for rating based media access policy enforcement, the method comprising:
under control of a video playback device having a V-chip that specifies default rating based access policy, performing the acts of:
[recitation of acts...]

As such, independent claims 4 and 12, and their respective dependent claims 5-11 and 13-19, now recite a specific apparatus for performing the method, in compliance with the machine-or-transformation test.

Applicant respectfully requests the Examiner to withdraw the §101 rejection of claims 4-19 and allowance of the claims.

35 U.S.C. § 102 and § 103 Rejections

The Examiner has rejected claims 1, 2 and 4-19 under 35 U.S.C § 102(e) as allegedly being anticipated by U.S. Patent Application Publication No. 2011/0225417 issued to Maharajh et al. (“Maharajh”). The Examiner has also rejected claim 3 under 35 U.S.C § 103(a) as allegedly being obvious over Maharajh in view of U.S. Patent Application Publication No. 2007/0219921 issued to Lee et al. (“Lee”).

Applicant respectfully traverses all these rejections for the reasons discussed in detail below with respect to both the original and amended claims as indicated.

In essence, it appears that the Examiner is equating Applicant’s “access controls” to DRM (Digital Rights Management) policies. (See, for example, Office Action dated September 10, 2013, p. 3, hereinafter “Office Action.”) For example, the Examiner refers to para. [0285] of Maharajh, which describes use of DRM for a mobile set top box application.

Here it appears as though the Examiner has used “broadest reasonable interpretation” standard to give an interpretation of the claims that is far broader, different, and out of context from Applicant’s Specification. Under M.P.E.P. §2111, “[d]uring patent examination, the pending claims must be ‘given their broadest reasonable interpretation *consistent with the specification*’” (emphasis added). Moreover, a “broadest reasonable interpretation of the claims must also be consistent with the interpretation that those skilled in the art would reach.” (*Id.*) Thus, Applicant maintains that an interpretation of access controls must be consistent with that provided with Applicant’s Specification, which clearly differentiates between DRM information processed by the DRM module 210 (see para. [0028]) and the Digital Library Management Application 600 which handles access controls for known content, which handle the ratings at issue in the instant specification (see para. [0040]-[0049]).

Nevertheless, in the interests of furthering prosecution towards allowance, Applicant has amended the claims to emphasize that the access control is for ratings. Thus, as amended, each of Applicant’s independent claims recite at least one aspect that is nowhere found in Maharajh, or in Lee, alone or in any motivated combination. As explained in Applicant’s

Specification, these rating based access controls are used to override policies set up with a V-Chip.

In particular, claim 1 as amended (and dependent claims 2 and 3 at least by virtue of their dependencies) recites,

An apparatus for setting *rating based access controls for known digital content to be played on a video playback device having a V-chip*, the apparatus comprising:

a rating policy management module for selectively setting rating based access control on a per media basis for digital content of a digital library *thereby overriding a policy set by the V-chip for access to the digital content* from the video playback device; and

a rating policy enforcement module for enforcing rating based access to the individual digital content for at least one user.

(Emphasis added).

In addition, claim 4 as amended (and dependent claims 5-11 at least by virtue of their dependencies) recites,

retrieving *media information from the memory comprising a rating based media access policy* for a digital content;

displaying the rating based media access policy to a user;

receiving from the user *a rating based access control policy override action*; and

storing the policy override action in a rating policy repository such that future playback of the digital content are allowed or blocked consistent with the stored policy override action.

(Emphasis added).

Also, claim 12 as amended (and dependent claims 13-19 at least by virtue of their dependencies) recites,

under control of a *video playback device having a V-chip* that specifies *default rating based access policy*, performing the acts of:

...

responsive to a user selecting media from the displayed metadata, and responsive to *determining that rating based access control* configured to override the V-chip default rating based access policy *is enabled*:

...

reading a *default rating based access policy action*; and
responsive to determining that an authentication code is

required:

validating an authentication code; and
beginning playback of the media.

(Emphasis added).

None of the recited aspects directed towards setting a rating based access control to override a V-Chip rating based access policy are taught, suggested, or motivated by the cited references. In contrast to Applicant's claims, the term "V-chip" is nowhere found in Maharajh. "Ratings" are used in Maharajh in the context of a user rating the content – not as an access policy override.

Accordingly, because Maharajh and Lee do not teach, motivate or suggest one or more aspects of claims 1-19, alone or in any motivated combination, claims 1-19 are not anticipated or rendered obvious.

Dependent Claims

As discussed above, all of the dependent claims are not anticipated or rendered obvious for at least the reasons described above with respect to the independent claims. Additional arguments for a variety of the other dependent claims are not addressed in more detail herein. Accordingly, Applicant notes for the record that all such assertions are traversed and reserves the right to further present arguments regarding the Examiner's statements about what is known in the art or taught by the cited references at a later time, should such become necessary. Specifically, no waiver (legal, factual, or otherwise), implicit or explicit, is hereby intended.

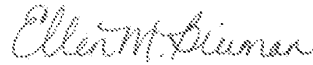
Conclusion

Based upon the above remarks, Applicant respectfully submits that all of the pending claims are allowable and respectfully requests the Examiner to enter these amendments and to reconsider this application and its timely allowance. The Director is authorized to charge any additional fees due by way of this Amendment, or credit any overpayment, to our Deposit Account No. 50-1050. In the event the Examiner disagrees with Applicant or finds minor informalities, Applicant respectfully requests a telephone interview to discuss any issues and to

Application No. 13/451,510
Reply to Office Action dated September 10, 2013

expeditiously resolve prosecution of this application. Again, Applicant's representative thanks the Examiner for his prompt and courteous attention.

LOWE GRAHAM JONES ^{PLLC}



Ellen M. Bierman
Registration No. 38,079

EMB:jrb

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LOWE GRAHAM JONES ^{PLLC}

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Electronic Acknowledgement Receipt	
EFS ID:	17621508
Application Number:	13451510
International Application Number:	
Confirmation Number:	2185
Title of Invention:	ACCESS CONTROLS FOR KNOWN CONTENT
First Named Inventor/Applicant Name:	Joseph Zipperer
Customer Number:	25315
Filer:	Ellen M Bierman/Jessica Bukowski
Filer Authorized By:	Ellen M Bierman
Attorney Docket Number:	MDIP-1-2402
Receipt Date:	10-DEC-2013
Filing Date:	19-APR-2012
Time Stamp:	19:43:23
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		MDIP-1-2402AM01.pdf	288510	yes	9
			3f89ae337b77a63b684b6113edc71b20dfc4ae67		

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	Document Description	Start	End
	Amendment/Req. Reconsideration-After Non-Final Reject	1	1
	Claims	2	4
	Applicant Arguments/Remarks Made in an Amendment	5	9
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875					Application or Docket Number 13/451,510		Filing Date 04/19/2012		☐ To be Mailed				
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO													
APPLICATION AS FILED – PART I													
(Column 1)			(Column 2)										
FOR		NUMBER FILED		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(j))		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													
(Column 1)			(Column 2)			(Column 3)							
AMENDMENT	12/10/2013		CLAIMS REMAINING AFTER AMENDMENT			HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))		* 19		Minus	** 20		= 0		X \$40 =		0	
	Independent (37 CFR 1.16(h))		* 3		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	
(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 \$ =			
	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 /JONYA SMALLS/		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		13451510
	Filing Date		2012-04-19
	First Named Inventor	Joseph Zipperer	
	Art Unit	2484	
	Examiner Name	Mishawn N. Dunn	
	Attorney Docket Number	MDIP-1-2402	

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	7505584	B2	2009-03-17	Kamibayashi et al.	
	2	7809888	B1	2010-10-05	Clark et al.	
	3	7844831	B2	2010-11-30	Benhammou et al.	
	4	8306918	B2	2012-11-06	Farrugia et al.	
	5	8312294	B2	2012-11-13	Sato et al.	
	6	RE42019	E	2010-12-28	Tagawa et al.	
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	Filing Date		2012-04-19
	First Named Inventor	Joseph Zipperer	
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	Examiner Name	Mishawn N. Dunn	
	Attorney Docket Number	MDIP-1-2402	

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20020126841	A1	2002-09-12	Arai	
	2	20040006690	A1	2004-01-08	Du et al.	
	3	20040254940	A1	2004-12-16	Brush	
	4	20050025465	A1	2005-02-03	Danieli	
	5	20050190782	A1	2005-09-01	Buckley et al.	
	6	20060200415	A1	2006-09-07	Lu	
	7	20060224519	A1	2006-10-05	Ahn	
	8	20070033344	A1	2007-02-08	Tanaka	
	9	20070234341	A1	2007-10-04	Chang et al.	
	10	20080098239	A1	2008-04-24	Wada et al.	

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	Art Unit	2484
	Examiner Name	Mishawn N. Dunn
	Attorney Docket Number	MDIP-1-2402

	11	20080176540	A1	2008-07-24	Khedouri et al.	
	12	20080205291	A1	2008-08-28	Li et al.	
	13	20080228300	A1	2008-09-18	Tagawa et al.	
	14	20080270796	A1	2008-10-30	Suu et al.	
	15	20090086978	A1	2009-04-02	McAvoy et al.	
	16	20100297933	A1	2010-11-25	Sim	
	17	20100280953	A1	2010-11-04	Kitazato	
	18	20110009051	A1	2011-01-13	Khedouri et al.	
	19	20110078722	A1	2011-03-31	Wendling	
	20	20110289137	A1	2011-11-24	Ittah et al.	
	21	20120072713	A1	2012-03-22	Begum et al.	

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	Attorney Docket Number	MDIP-1-2402		

	22	20120137135	A1	2012-05-31	Kasahara et al.	
	23	20120233447	A1	2012-09-13	Fitzgerald	
	24	20120272065	A1	2012-10-25	Matsukawa et al.	
	25	20100287609	A1	2010-11-11	Gonzalez et al.	
	26	20060239650	A1	2006-10-26	Heredia et al.	
	27	20100023689	A1	2010-01-28	Kim	
	28	20070192634	A1	2007-08-16	Cheon et al.	
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	Filing Date		2012-04-19
	First Named Inventor	Joseph Zipperer	
	Art Unit	2484	
	Examiner Name	Mishawn N. Dunn	
	Attorney Docket Number	MDIP-1-2402	

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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	Android SDK, available for download at http://www.netmite.com/android/mydroid/1.6/out/target/common/docs/offline-sdk/guide/developing/tools/othertools.html#mkscard , downloaded June 16, 2013.	☐
	2	GUOFEI, ET AL. "PLI: A New Framework to Protect Digital Content for P2P Networks," Year 2003; Microsoft Research Asia, Beijing 100080, China; PP: 1-12.	☐
If you wish to add additional non-patent literature document citation information please click the Add button Add			
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	Filing Date	2012-04-19
	First Named Inventor	Joseph Zipperer
	Art Unit	2484
	Examiner Name	Mishawn N. Dunn
	Attorney Docket Number	MDIP-1-2402

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☒ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☐ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Ellen M. Bierman/	Date (YYYY-MM-DD)	2014-02-25
Name/Print	Ellen M. Bierman	Registration Number	38079

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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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Electronic Patent Application Fee Transmittal				
Application Number:		13451510		
Filing Date:		19-Apr-2012		
Title of Invention:		ACCESS CONTROLS FOR KNOWN CONTENT		
First Named Inventor/Applicant Name:		Joseph Zipperer		
Filer:		Ellen M Bierman/Jessica Bukowski		
Attorney Docket Number:		MDIP-1-2402		
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
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:				
Submission- Information Disclosure Stmt	2806	1	90	90
Total in USD (\$)				90

Electronic Acknowledgement Receipt	
EFS ID:	18300700
Application Number:	13451510
International Application Number:	
Confirmation Number:	2185
Title of Invention:	ACCESS CONTROLS FOR KNOWN CONTENT
First Named Inventor/Applicant Name:	Joseph Zipperer
Customer Number:	25315
Filer:	Ellen M Bierman/Jessica Bukowski
Filer Authorized By:	Ellen M Bierman
Attorney Docket Number:	MDIP-1-2402
Receipt Date:	25-FEB-2014
Filing Date:	19-APR-2012
Time Stamp:	18:25:11
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Electronic Funds Transfer
Payment was successfully received in RAM	\$90
RAM confirmation Number	7451
Deposit Account	
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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1	Information Disclosure Statement (IDS) Form (SB08)	MDIP-1-2402IDS02.pdf	613688	no	7
			7c4075f00b9bb5d376fccddf3b54330ca297179f		
Warnings:					
Information:					
2	Non Patent Literature	Android_SDK.pdf	1400423	no	24
			c50eb98cb4ae610306969643045c52db510a112b		
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Information:					
3	Non Patent Literature	Guofei.pdf	494365	no	12
			e2b67d7b7073c8682d687ca6599cb8b511dc2c51		
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4	Fee Worksheet (SB06)	fee-info.pdf	30486	no	2
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Electronic Patent Application Fee Transmittal				
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Filing Date:		19-Apr-2012		
Title of Invention:		ACCESS CONTROLS FOR KNOWN CONTENT		
First Named Inventor/Applicant Name:		Joseph Zipperer		
Filer:		Ellen M Bierman/Jessica Bukowski		
Attorney Docket Number:		MDIP-1-2402		
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
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:				
Submission- Information Disclosure Stmt	2806	1	90	90
Total in USD (\$)				90

Electronic Acknowledgement Receipt	
EFS ID:	18374534
Application Number:	13451510
International Application Number:	
Confirmation Number:	2185
Title of Invention:	ACCESS CONTROLS FOR KNOWN CONTENT
First Named Inventor/Applicant Name:	Joseph Zipperer
Customer Number:	25315
Filer:	Ellen M Bierman/Jessica Bukowski
Filer Authorized By:	Ellen M Bierman
Attorney Docket Number:	MDIP-1-2402
Receipt Date:	05-MAR-2014
Filing Date:	19-APR-2012
Time Stamp:	13:05:53
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Electronic Funds Transfer
Payment was successfully received in RAM	\$ 90
RAM confirmation Number	11603
Deposit Account	
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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1	Fee Worksheet (SB06)	fee-info.pdf	30487	no	2
			b314e03d9dc8ea623c0d123c0739ea94dab0d072		
Warnings:					
Information:					
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/451,510	04/19/2012	Joseph Zipperer	MDIP-1-2402	2185

25315	7590	04/24/2014
LOWE GRAHAM JONES, PLLC		
701 FIFTH AVENUE		
SUITE 4800		
SEATTLE, WA 98104		

EXAMINER	
DUNN, MISHAWN N	

ART UNIT	PAPER NUMBER
2484	

NOTIFICATION DATE	DELIVERY MODE
04/24/2014	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):

patentdocketing@lowegrahamjones.com
docketing-patent@lowegrahamjones.com

Office Action Summary	Application No. 13/451,510	Applicant(s) ZIPPERER ET AL.	
	Examiner MISHAWN DUNN	Art Unit 2484	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 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, 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 10 December 2013.
☐ 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) 1-19 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) 1-19 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 19 April 2012 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/08)
Paper No(s)/Mail Date ____.
- 3) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 4) ☐ Other: ____.

DETAILED ACTION

Notice of Pre-AIA or AIA Status

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

Response to Arguments

2. Applicant's arguments with respect to claims 1-19 have been considered but are moot because the arguments do not apply to any of the references being used in the current rejection.
3. Applicant's amendment, with respect to claims 4-19, have been fully considered. The rejection of claims 4-19 under 35 U.S.C. 101 has been withdrawn.

Claim Rejections - 35 USC § 102

4. 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.

5. Claims 1 and 2 are rejected under pre-AIA 35 U.S.C. 102(b) as being anticipated by Starikov et al. (US Pub. No. 2010/0287584).
6. Consider claim 1. Starikov et al. teaches an apparatus for setting rating based access controls for known digital content to be played on a video playback device (paras. 0011 and 0012 describe a video playback device having parental controls)

having a V-chip (para. 0001 describes V-chip), the apparatus comprising: a rating policy management module for selectively setting rating based access control on a per media basis for digital content of a digital library thereby overriding a policy set by the V-chip for access to the digital content from the video playback device (para. 0022 describes unlocking a restricted media item for playback); and a rating policy enforcement module for enforcing rating based access to the individual digital content for at least one user (paras. 0021-0034 describe enforcing rating based access control).

7. Consider claim 2. Starikov et al. teaches the apparatus of claim 1, further comprising a rating policy database for storing rating based access controls for digital content of the digital library (para. 0027 describes storing parental control information).

Claim Rejections - 35 USC § 103

8. 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 negated by the manner in which the invention was made.

9. Claim 3 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Starikov et al. (US Pub. No. 2010/0287584) in view of Lee et al. (US Pub. No. 2007/0219921).

10. Consider claim 3. Starikov et al. teaches all claimed limitations as state above, except a data port for exporting the policy database to another playback device.

However, Lee et al. teaches a data port for exporting the policy database to another playback device (para. 0068 describes exporting the digital rights from a first device to a second device).

Therefore, it would have been obvious to one with ordinary skill in the art, at the time the invention was made to use, to export the policy database to another playback device, in order to allow the user to play the encrypted content on a second trusted device.

11. Claims 4-6, 8-13, 15, 16, 18, and 19 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Starikov et al. (US Pub. No. 2010/0287584) in view of Leung et al. (US Pub. No. 2002/0095673).

12. Consider claim 4. Starikov et al. teaches a method in a computing system for creating specific policies for media access, the method comprising: under control of the computing system having a memory (fig. 1, memory 106) and a processor (fig. 1, processor 104) performing the acts of: retrieving media information from the memory comprising a rating based media access policy for digital content (fig. 2 shoes retrieving media information comprising a media access policy); displaying the rating based media access policy to a user (fig. 24 shows the rating based media access policy displayed to the user); receiving from the user a rating based access control policy override action (para. 0022 describes unlocking a restricted media item for playback);

Starikov et al. does not teach storing the policy override action in a rating policy repository such that future playback of the digital content are allowed or blocked consistent with the stored policy ride action.

However, Leung et al. teaches storing the policy override action in a rating policy repository such that future playback of the digital content are allowed or blocked consistent with the stored policy ride action (paras. 0053-0057 describe an override action stored for future use).

Therefore, it would have been obvious to one with ordinary skill in the art, at the time the invention was made to use, to store the policy override action in a rating policy repository such that future playback of the digital content are allowed or blocked consistent with the stored policy ride action, in order to relieve the user of having to repeatedly override the allowed content.

13. Consider claim 5. Leung et al. teaches the method of claim 4 further comprising validating an authentication code (fig. 66 shows validating a password).

14. Consider claim 6. Leung et al. teaches the method of claim 4, wherein the authentication code comprises a personal identification number (PIN) (fig. 69 shows a PIN as an password).

15. Consider claim 8. Leung et al. teaches the method of claim 4, further comprising displaying the media information, wherein the media information comprises a media rating (paras. 0103-0105 describe media ratings).

16. Consider claim 9. Leung et al. teaches the method of claim 4, further comprising displaying the media information, wherein the media information comprises a media owner (para. 060 describes a media provider).

17. Consider claim 10. Leung et al. teaches the method of claim 4, wherein the policy override action comprises modifying media access for an individual (abstract describes unblocking individual shows).

18. Consider claim 11. Leung et al. teaches the method of claim 4, wherein the policy override action comprises modifying media access for a group (para. 0135 describes managing the media access for a group).

19. Consider claim 12. Starikov et al. teaches a method in a computing system for rating based media access policy enforcement, the method comprising: under control of a video playback device (paras. 0011 and 0012 describe a video playback device having parental controls) having a V-chip (para. 0001 describes V-chip) that specifies default rating based access policy (paras. 0021-0034 describe rating based access policy), performing acts of: responsive to determining that rating based access control configured to override the V-chip default rating based access policy is enabled (para. 0022 describes unlocking a restricted media item for playback): reading media information (para. 0022 describes playing back media item); reading a default rating based access policy (paras. 0021-0034 describe rating based access policy); and responsive to determining that an authentication code is required, validating an authentication code (para. 0022 describes validating the user); and beginning playback of the media (para. 0022 describes playing the content).

Starikov et al. does not teach displaying metadata and a user selecting media from the displayed metadata.

However, Leung et al. teaches displaying metadata (fig. 40 shows an EPG) and a user selecting media from the displayed metadata (para. 0064 describes selecting a program from an EPG).

Therefore, it would have been obvious to one with ordinary skill in the art, at the time the invention was made to use, to display metadata and a user selecting media from the displayed metadata, in order to allow the user to watch a selected program from the program guide.

20. Claim 13 is rejected using similar reasoning as corresponding claim 6 above.

21. Consider claim 15. Starikov et al. teaches the method of claim 12, wherein the default policy action is to deny access (paras. 0021-0034 describe restricting playback of media items).

22. Claim 16 is rejected using similar reasoning as corresponding claim 8 above.

23. Claim 18 is rejected using similar reasoning as corresponding claim 9 above

24. Consider claim 19. Leung et al. teaches the method of claim 12, further comprising retaining the authentication code during a user's session (abstract describes entering master mode with a password).

25. Claims 7, 14, and 17 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Starikov et al. (US Pub. No. 2010/0287584) in view of Leung et al. (US Pub. No. 2002/0095673) in further view of McCarty et al. (US Pat. No. 8,312,484).

26. Consider claim 7. Starikov et al. and Leung et al. teach all claimed limitations as stated above, except an authentication code comprising biometric information.

However, McCarty et al. teaches an authentication code comprising biometric information (col. 10, lines 3-8 describe a voice recognition input interface).

Therefore, it would have been obvious to one with ordinary skill in the art, at the time the invention was made to use, to include biometric information as an authentication code, in order to allow the user to be recognized without a manual input.

27. Claim 14 is rejected using similar reasoning as the corresponding claim above.

28. Consider claim 17. Starikov et al. and Leung et al. teach all claimed limitations as stated above, except wherein the media information comprises a genre.

However, McCarty et al. teaches wherein the media information comprises a genre (col. 12, lines 46-56 describe genre as media guidance data).

Therefore, it would have been obvious to one with ordinary skill in the art, at the time the invention was made to use, wherein the media information comprises a genre, in order to allow the user to restrict specific genres from being watched.

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 MISHAWN DUNN whose telephone number is (571)272-7635. The examiner can normally be reached on Monday - Friday 7:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Tran can be reached on (571)272-7382. 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.

/MISHAWN DUNN/
Examiner, Art Unit 2484

/HUNG DANG/
Primary Examiner, Art Unit 2484

Notice of References Cited	Application/Control No. 13/451,510	Applicant(s)/Patent Under Reexamination ZIPPERER ET AL.	
	Examiner MISHAWN DUNN	Art Unit 2484	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-8,312,484	11-2012	McCarty et al.	725/28
*	B	US-2002/0095673	07-2002	Leung et al.	725/25
*	C	US-2004/0244030	12-2004	Boyce et al.	725/025
*	D	US-2008/0162925	07-2008	Okaya, Ken P.	713/155
*	E	US-2008/0307339	12-2008	Boro et al.	715/764
*	F	US-2009/0052870	02-2009	Marsh et al.	386/124
*	G	US-2010/0287584	11-2010	Starikov et al.	725/28
*	H	US-2012/0117585	05-2012	Curtis et al.	725/25
*	I	US-2012/0216222	08-2012	Candelore, Brant L.	725/28
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	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.

<i>Index of Claims</i> 	Application/Control No. 13451510	Applicant(s)/Patent Under Reexamination ZIPPERER ET AL.
	Examiner MISHAWN DUNN	Art Unit 2484

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant				☐ CPA				☐ T.D.				☐ R.1.47			
CLAIM		DATE													
Final	Original	08/12/2013	04/11/2014												
	1	✓	✓												
	2	✓	✓												
	3	✓	✓												
	4	✓	✓												
	5	✓	✓												
	6	✓	✓												
	7	✓	✓												
	8	✓	✓												
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	14	✓	✓												
	15	✓	✓												
	16	✓	✓												
	17	✓	✓												
	18	✓	✓												
	19	✓	✓												

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S15	103	("20020126841" "20040006690" "20040254940" "20050025465" "20050190782" "20060200415" "20060224519" "20060239650" "20070033344" "20070192634" "20070234341" "20080098239" "20080176540" "20080205291" "20080228300" "20080270796" "20090086978" "20100023689" "20100127013" "20100280953" "20100287609" "20100297933" "20110009051" "20110078722" "20110289137" "20120072713" "20120137135" "20120233447" "20120272065" "7360088" "7505584" "7809888" "7844831" "8306918" "8312294" "RE42019").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/08 22:46
S17	13	S15 and (violence or language)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/08 22:47
S16	0	S15 and "v chip"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/08 22:47
S22	221	(access with control\$4) and (rating with (manag\$5 or enforc\$5)) and (playback or reproduc\$4) and overrid\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/08 22:51
S21	6	(access with control\$4) and (rating with (manag\$5 or enforc\$5)) and (playback or reproduc\$4) and overrid\$3 and (authenticat\$3 with (pin and (biometric or fingerprint or handprint or eye\$5)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/08 22:51
S20	161	S19 and overrid\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2014/04/08 22:51

			IBM_TDB			
S19	161	(access with control\$4) and (rating with (manag\$5 or enforc\$5)) and (playback or reproduc\$4) and overrid\$3 and authenticat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/08 22:51
S18	0	S17 and overrid\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/08 22:51
S23	154	(S20 or S21 or S22) and @ad<="20110422"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/08 22:53
S24	28	overrid\$3 with (parental adj control) with (playback or recorded or reproduc\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/08 23:33
S25	24	S24 and @ad<="20110422"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/08 23:34
S26	8	(unblock\$3 or unlock\$3) with (parental adj control) with (playback or recorded or reproduc\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/08 23:36
S28	1	S27 and "v-chip" and future	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/10 07:17
S27	11	(US-20040010601-\$ or US-20110225417-\$ or US-20120117585-\$ or US-20090052870-\$ or US-20080307339-\$ or US-20040244030-\$ or US-20020095673-\$ or US-20120216222-\$ or US-20100287584-\$ or US-20080162925-\$).did. or (US-6697944-\$).did.	US-PGPUB; USPAT	OR	ON	2014/04/10 07:17
S29	1	(10/033532).APP.	USPAT; USOCR	OR	ON	2014/04/10 07:18
S30	5	"v-chip" and biometric and genre	USPAT;	OR	ON	2014/04/10

			USOCR			14:38
S31	3	((playback or reproduc\$4) with parent\$2 with control) and biometric and genre	USPAT; USOCR	OR	ON	2014/04/10 14:39
L1	39	"v-chip" and genre	USPAT; USOCR	OR	ON	2014/04/11 13:45
L2	39	l1 and @ad<="20110422"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/11 13:46
L4	11	l1 and (voice or retina\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/11 13:59
L3	5	l1 and (fingerprint or "finger print")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/11 13:59
L5	6	l4 not l3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/11 14:00

EAST Search History (Interference)

<This search history is empty>

4/ 11/ 2014 2:04:09 PM**C:\Users\mdunn\Documents\EAST\Workspaces\13451510.wsp**

Search Notes 	Application/Control No. 13451510	Applicant(s)/Patent Under Reexamination ZIPPERER ET AL.
	Examiner MISHAWN DUNN	Art Unit 2484

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
713	150-155,168,176,180,182-186,189	8/10/2013	MD
380	251,270	8/10/2013	MD
463	29	8/10/2013	MD
386	261	4/8/2014	MD
725	25-28	4/8/2014	MD

SEARCH NOTES		
Search Notes	Date	Examiner
performed EAST search (search history attached)	8/10/2013	MD
updated EAST search (search history attached)	4/11/2014	MD

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

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		13451510
	Filing Date		2012-04-19
	First Named Inventor	Joseph Zipperer	
	Art Unit	2484	
	Examiner Name	Mishawn N. Dunn	
	Attorney Docket Number	MDIP-1-2402	

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	7505584	B2	2009-03-17	Kamibayashi et al.	
	2	7809888	B1	2010-10-05	Clark et al.	
	3	7844831	B2	2010-11-30	Benhammou et al.	
	4	8306918	B2	2012-11-06	Farrugia et al.	
	5	8312294	B2	2012-11-13	Sato et al.	
	6	RE42019	E	2010-12-28	Tagawa et al.	
	7	7360088	B2	2008-04-15	Mishina et al.	
If you wish to add additional U.S. Patent citation information please click the Add button.						Add
U.S.PATENT APPLICATION PUBLICATIONS						Remove

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	13451510
	Filing Date	2012-04-19
	First Named Inventor	Joseph Zipperer
	Art Unit	2484
	Examiner Name	Mishawn N. Dunn
	Attorney Docket Number	MDIP-1-2402

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20020126841	A1	2002-09-12	Arai	
	2	20040006690	A1	2004-01-08	Du et al.	
	3	20040254940	A1	2004-12-16	Brush	
	4	20050025465	A1	2005-02-03	Danieli	
	5	20050190782	A1	2005-09-01	Buckley et al.	
	6	20060200415	A1	2006-09-07	Lu	
	7	20060224519	A1	2006-10-05	Ahn	
	8	20070033344	A1	2007-02-08	Tanaka	
	9	20070234341	A1	2007-10-04	Chang et al.	
	10	20080098239	A1	2008-04-24	Wada et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	13451510
	Filing Date	2012-04-19
	First Named Inventor	Joseph Zipperer
	Art Unit	2484
	Examiner Name	Mishawn N. Dunn
	Attorney Docket Number	MDIP-1-2402

	11	20080176540	A1	2008-07-24	Khedouri et al.	
	12	20080205291	A1	2008-08-28	Li et al.	
	13	20080228300	A1	2008-09-18	Tagawa et al.	
	14	20080270796	A1	2008-10-30	Suu et al.	
	15	20090086978	A1	2009-04-02	McAvoy et al.	
	16	20100297933	A1	2010-11-25	Sim	
	17	20100280953	A1	2010-11-04	Kitazato	
	18	20110009051	A1	2011-01-13	Khedouri et al.	
	19	20110078722	A1	2011-03-31	Wendling	
	20	20110289137	A1	2011-11-24	Ittah et al.	
	21	20120072713	A1	2012-03-22	Begum et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		13451510	
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	First Named Inventor	Joseph Zipperer		
	Art Unit	2484		
	Examiner Name	Mishawn N. Dunn		
	Attorney Docket Number	MDIP-1-2402		

	22	20120137135	A1	2012-05-31	Kasahara et al.	
	23	20120233447	A1	2012-09-13	Fitzgerald	
	24	20120272065	A1	2012-10-25	Matsukawa et al.	
	25	20100287609	A1	2010-11-11	Gonzalez et al.	
	26	20060239650	A1	2006-10-26	Heredia et al.	
	27	20100023689	A1	2010-01-28	Kim	
	28	20070192634	A1	2007-08-16	Cheon et al.	
	29	20100127013	A1	2010-05-27	Butler	

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FOREIGN PATENT DOCUMENTS								Remove
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							☐

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	13451510
	Filing Date	2012-04-19
	First Named Inventor	Joseph Zipperer
	Art Unit	2484
	Examiner Name	Mishawn N. Dunn
	Attorney Docket Number	MDIP-1-2402

NON-PATENT LITERATURE DOCUMENTS			Remove
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	Android SDK, available for download at http://www.netmite.com/android/mydroid/1.6/out/target/common/docs/offline-sdk/guide/developing/tools/othertools.html#mkscard , downloaded June 16, 2013.	☐
	2	GUOFEI, ET AL. "PLI: A New Framework to Protect Digital Content for P2P Networks," Year 2003; Microsoft Research Asia, Beijing 100080, China; PP: 1-12.	☐

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EXAMINER SIGNATURE

Examiner Signature	/Mishawn Dunn/	Date Considered	04/11/2014
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	13451510
	Filing Date	2012-04-19
	First Named Inventor	Joseph Zipperer
	Art Unit	2484
	Examiner Name	Mishawn N. Dunn
	Attorney Docket Number	MDIP-1-2402

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☒ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☐ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Ellen M. Bierman/	Date (YYYY-MM-DD)	2014-02-25
Name/Print	Ellen M. Bierman	Registration Number	38079

This collection of information is required by 37 CFR 1.97 and 1.98. 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 1 hour 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 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 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 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.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.D./

**RESPONSE UNDER 37 CFR 1.116
EXPEDITED PROCEDURE - EXAMINING GROUP 2480**

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Joseph Zipperer, *et al.*
Application No. : 13/451,510
Filed : April 19, 2012
For : ACCESS CONTROLS FOR KNOWN CONTENT

Examiner : Mishawn N. Dunn
Art Unit : 2484
Docket No. : MDIP-1-2402
Date : July 24, 2014

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT UNDER 37 CFR 1.116

Commissioner for Patents:

In response to the Office Action dated April 24, 2014 please amend the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An apparatus for setting rating based access controls for known digital content to be played on a video playback device having a V-chip, the apparatus comprising:

a rating policy management module for selectively setting rating based access control on a per media and per user basis for digital content of a digital library thereby overriding a policy set by the V-chip for access to the digital content from the video playback device; and

a rating policy enforcement module for enforcing rating based access to the individual digital content for at least one a plurality of users separate from and in addition to an administrator, wherein at least a first user and a second user of the plurality of users have different media rating requirements and have different media ratings associated with a same digital content, wherein a first of the two users is allowed to access the same digital content based upon a first authentication code and a second of the two users is blocked from access to the same digital content based upon a second authentication code, and wherein the different ratings associated with the same digital content are enforced using the first and second authentication codes.

2. (Previously Presented) The apparatus of claim 1, further comprising a rating policy database for storing rating based access controls for digital content of the digital library.

3. (Original) The apparatus of claim 2, further comprising a data port for exporting the policy database to another playback device.

4. (Currently Amended) A method in a computing system for creating specific rating policies for digital media access, the method comprising:

under control of the computing system having a memory and a processor, performing the acts of:

retrieving media information from the memory comprising a rating based media access policy for a digital content;

displaying the rating based media access policy to a user;

receiving from the user a first rating based access control policy override action for a first viewer and a second, different, rating based access control policy override action for a second viewer with respect to a same digital content, wherein the first viewer and second viewer are separate and distinct from the user from which the override actions are received, and wherein the first viewer is associated with a first authentication code unique to the first viewer and the second viewer is associated with a second authentication code unique to the second viewer; and

storing the first and second policy override actions in a rating policy repository ~~such that~~ wherein future playback of the digital content ~~are is~~ allowed or blocked consistent with the stored policy override action, and wherein the first viewer is allowed to access the same digital content based upon the first authentication code and the second viewer is blocked from access to the same digital content based upon the second authentication code.

5. (Currently Amended) The method of claim 4 further comprising validating ~~on the~~ authentication codes of the first viewer and the second viewer;

6. (Currently Amended) The method of claim 4, wherein the first and second authentication codes comprises a personal identification number (PIN).

7. (Currently Amended) The method of claim 5, wherein the authentication codes comprises biometric information.

8. (Original) The method of claim 4, further comprising displaying the media information, wherein the media information comprises a media rating.

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9. (Original) The method of claim 4, further comprising displaying the media information, wherein the media information comprises a media owner.

10. (Currently Amended) The method of claim 4, wherein the first policy override action comprises modifying media access for ~~an individual~~ the first viewer and the second policy override action comprises modifying media access for the second viewer.

11. (Currently Amended) The method of claim 4, wherein the first policy override action comprises modifying media access for a group that includes the first viewer.

12. (Currently Amended) A method in a computing system for rating based media access policy enforcement, the method comprising:

under control of a video playback device having a V-chip that specifies default rating based access policy, performing the acts of:

displaying metadata; ~~and~~

responsive to a first user selecting a media content from the displayed metadata, and responsive to determining that rating based access control configured to override the V-chip default rating based access policy is enabled:

reading media information;

reading a default rating based access policy action associated with the selected media content configured to override the V-Chip default rating based access policy; and

responsive to determining that an authentication code is required:

validating an authentication code; and

beginning playback of the media; and

.responsive to a second different user selecting the same media from the displayed metadata:

determining that an authentication code associated with the second different user does not allow access to the same media; and

preventing playback of the media

wherein the first and second users are not administrators of the rating based access control configured to override the V-Chip default rating based access policy.

13. (Currently Amended) The method of claim 12, wherein the authentication codes comprises ~~a~~ personal identification numbers.

14. (Currently Amended) The method of claim 12, wherein the authentication codes comprises biometric information.

15. (Previously Presented) The method of claim 12, wherein the default rating based access policy action is to deny access.

16. (Original) The method of claim 12, wherein the media information comprises a rating.

17. (Original) The method of claim 12, wherein the media information comprises a genre.

18. (Original) The method of claim 12, wherein the media information comprises a media owner.

19. (Currently Amended) The method of claim 12, further comprising retaining the associated authentication code of each user during a user's session associated with each user.

REMARKS

Claims 1-19 are pending in this application. No claims have been canceled. Applicant has amended claims 1, 4-7, 10-14, and 19 to clarify that the rating based access control policy allows overrides that are different for at least two different users that are separate and distinct from the administrator (or master user that sets up the system) and to address typographical and stylistic issues. These changes emphasize that different overrides can be provided for users of different ages, something not available or supported by prior systems. No new matter has been introduced by way of these amendments. For example, support for these amendments may be found in Applicant's Specification (hereinafter "Spec.") at least in Figures 4 and 5, and in paragraphs 9, 34, 43-44, 47, 51-53, and 57-65.

Applicant has filed concurrently a request for consideration under the After Final Consideration Pilot Program 2.0 (AFCP 2.0). Applicant represents that these amendments do not broaden the scope of the independent claims 1, 4, and 12 in any aspect, thus complying with the requirement of AFCP 2.0. Accordingly, Applicant respectfully requests entry of these amendments and entry into the AFCP 2.0 program. **Applicant respectfully requests the Examiner to initiate a telephonic interview with Applicant's representative as part of this AFCP request.**

35 U.S.C. § 102 and § 103 Rejections

The Examiner rejected claims 1 and 2 under pre-AIA 35 U.S.C. § 102(b) as allegedly being anticipated by U.S. Patent Application Publication No. 2010/0287584 issued to Starikov et al. ("Starikov"). The Examiner also rejected claim 3 under pre-AIA 35 U.S.C. § 103(a) as allegedly being obvious over Starikov in view of U.S. Patent Application Publication No. 2007/0219921 issued to Lee et al. ("Lee"); claims 4-6, 8-13, 15, 16, 18 and 19 as allegedly being obvious over Starikov in view of U.S. Patent Application Publication No. 2002/0095673 issued to Leung et al. ("Leung"); and claims 7, 14 and 17 as allegedly being obvious over Starikov in view of Leung in further view of U.S. Patent No. 8,312,484 issued to McCarty et al. ("McCarty").

Applicant respectfully traverses all these rejections for the reasons discussed in detail below.

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In essence, the Examiner asserts that Starikov teaches that a V-chip (or other rating enforcement policy) can be overridden by a user based upon age, and that other elements, such as a rating policy override repository are taught or suggested by Leung.

Although Applicant believes there are aspects of at least some of the claims not taught, motivated, or suggested by the cited art, alone or in any motivated combination, nevertheless, for the sake of expediting prosecution, Applicant has amended all of the independent claims to incorporate additional aspects from the Specification.

In particular, Applicant believes there are several aspects of each amended independent claim that are nowhere taught, suggested, or motivated by the cited references. For example, all of Applicant's pending independent claims, recite the notion of at least two different users (apart and separate from the administrator or master of the system) having different respective authentication codes that are used to allow or deny access to media *on a per media basis on a per user* (or group of users) *basis* in order to override a V-chip rating system. As described in Applicant's Specification, this allows a parent, for example, to override a V-chip differently for different aged children with respect to a particular piece of content so that the youngest child's needs are not forced to determine the override policy. This notion is not supported by any of the cited reference systems such as Starikov or Leung.

Specifically, independent claim 1 as amended (and dependent claims 2-3 at least by virtue of incorporation) recites:

a rating policy management module for selectively setting rating based access control on *a per media and per user basis* for digital content of a digital library thereby overriding a policy set by the V-chip for access to the digital content from the video playback device; and

a rating policy enforcement module for enforcing rating based access to the individual digital content for a *plurality of users separate from and in addition to an administrator*, wherein at least a first user and a second user of the plurality of users *have different media rating requirements and have different media ratings associated with a same digital content*, wherein a first of the two users is allowed to access the same digital content based upon a first authentication code and a second of the two users is blocked from access to the same digital content based upon a second authentication code, and wherein the different ratings associated with the same digital content are enforced using the first and second authentication codes.

(Emphasis added.)

In addition, independent claim 4 as amended (and dependent claims 5-11 at least by virtue of incorporation) recites:

receiving from the user a first rating based access control policy override action for a first viewer and a second, different, rating based access control policy override action for a second viewer with respect to a same digital content, *wherein the first viewer and second viewer are separate and distinct from the user from which the override actions are received*, and wherein the *first viewer is associated with a first authentication code unique to the first viewer and the second viewer is associated with a second authentication code unique to the second viewer*; and

storing the first and second policy override actions in a rating policy repository wherein future playback of the digital content is allowed or blocked consistent with the stored policy override action, and *wherein the first viewer is allowed to access the same digital content based upon the first authentication code and the second viewer is blocked from access to the same digital content based upon the second authentication code*.

(Emphasis added.)

Also, independent claim 12 as amended (and dependent claims 13-19 at least by virtue of incorporation) recites:

responsive to a *first user selecting a media content* from the displayed metadata, and responsive to determining that rating based access control configured to override the V-chip default rating based access policy is enabled:

...

responsive to *determining that an authentication code is required*:

validating an authentication code; and

beginning playback of the media; and

responsive to a *second different user selecting the same media* from the displayed metadata:

determining that an authentication code associated with the second different user does not allow access to the same media; and

preventing playback of the media

wherein the *first and second users are not administrators* of the rating based access control configured to override the V-Chip default rating based access policy.

(Emphasis added.)

In contrast to Applicant's claims, Starikov does not teach or suggest overriding a given policy *on a per media basis*, let alone a *per authentication code (or a per user) basis* as recited by the claims. Starikov also does not teach or suggest the use of authentication codes (such as PINs) used to override a V-Chip or other default rating policy. Rather, Starikov describes a way to override a multitude of different rating policies (for example, based upon different countries) based upon a "unified parental control" such as age. It is a single age that is used as the common denominator between policies. (See Starikov, paragraphs 20-22.)

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Similarly, Leung also does not teach or suggest overriding a given policy *on a per media basis, let alone a per authentication code (or a per user) basis* as recited. Rather, Leung describes that *a particular media is on a blocking override list or an enabling override list*. The blocking and/or enabling is not performed on a per authentication code or a per user basis. Nor do the other references fill in these gaps.

Accordingly, none of Starikov, Leung, Lee or McCarty teach, motivate or suggest one or more aspects of independent claims 1, 4 and 12, and thus claims 1, 4, and 12 are not anticipated by or rendered obvious in view of the cited art, alone or in any motivated combination. Similarly, because dependent claims 2-3, 5-11, and 13-19 incorporate these aspects by virtue of their dependencies, any claim that depends upon claims 1, 4, or 12 also are not anticipated by or rendered obvious for at least the reasons set forth above.

Dependent Claims

As discussed above, all of the dependent claims are not anticipated or rendered obvious for at least the reasons described above with respect to the independent claims. Additional arguments for a variety of the other dependent claims are not addressed in more detail herein. Accordingly, Applicant notes for the record that all such assertions are traversed and reserves the right to further present arguments regarding the Examiner's statements about what is known in the art or taught by the cited references at a later time, should such become necessary. Specifically, no waiver (legal, factual, or otherwise), implicit or explicit, is hereby intended.

Conclusion

Based upon the above remarks, Applicant respectfully submits that all of the pending claims are allowable and respectfully requests the Examiner to enter these amendments and to reconsider this application and its timely allowance. The Director is authorized to charge any additional fees due by way of this Amendment, or credit any overpayment, to our Deposit Account No. 50-1050. **In the event the Examiner disagrees with Applicant or finds minor informalities, Applicant respectfully requests a telephone interview to discuss any issues and to expeditiously resolve prosecution of this application.** Again, Applicant's representative thanks the Examiner for his prompt and courteous attention.

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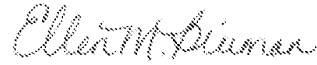
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Application No. 13/451,510
Reply to Office Action dated April 24, 2014 April 24, 2014

LOWE GRAHAM JONES ^{PLLC}



Ellen M. Bierman
Registration No. 38,079

EMB:jrb

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CERTIFICATION AND REQUEST FOR CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0		
Practitioner Docket No.: MDIP-1-2402	Application No.: 13/451,510	Filing Date: April 19, 2012
First Named Inventor: Joseph Zipperer	Title: ACCESS CONTROLS FOR KNOWN CONTENT	
APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0 (AFCP 2.0) OF THE ACCOMPANYING RESPONSE UNDER 37 CFR 1.116. 1. The above-identified application is (i) an original utility, plant, or design nonprovisional application filed under 35 U.S.C. 111(a) [a continuing application (<i>e.g.</i>, a continuation or divisional application) is filed under 35 U.S.C. 111(a) and is eligible under (i)], or (ii) an international application that has entered the national stage in compliance with 35 U.S.C. 371(c). 2. The above-identified application contains an outstanding final rejection. 3. Submitted herewith is a response under 37 CFR 1.116 to the outstanding final rejection. The response includes an amendment to at least one independent claim, and the amendment does not broaden the scope of the independent claim in any aspect. 4. This certification and request for consideration under AFCP 2.0 is the only AFCP 2.0 certification and request filed in response to the outstanding final rejection. 5. Applicant is willing and available to participate in any interview requested by the examiner concerning the present response. 6. This certification and request is being filed electronically using the Office's electronic filing system (EFS-Web). 7. Any fees that would be necessary consistent with current practice concerning responses after final rejection under 37 CFR 1.116, <i>e.g.</i>, extension of time fees, are being concurrently filed herewith. [There is no additional fee required to request consideration under AFCP 2.0.] 8. By filing this certification and request, applicant acknowledges the following: • Reissue applications and reexamination proceedings are not eligible to participate in AFCP 2.0. • The examiner will verify that the AFCP 2.0 submission is compliant, <i>i.e.</i>, that the requirements of the program have been met (see items 1 to 7 above). For compliant submissions: ○ The examiner will review the response under 37 CFR 1.116 to determine if additional search and/or consideration (i) is necessitated by the amendment and (ii) could be completed within the time allotted under AFCP 2.0. If additional search and/or consideration is required but cannot be completed within the allotted time, the examiner will process the submission consistent with current practice concerning responses after final rejection under 37 CFR 1.116, <i>e.g.</i>, by mailing an advisory action. ○ If the examiner determines that the amendment does not necessitate additional search and/or consideration, or if the examiner determines that additional search and/or consideration is required and could be completed within the allotted time, then the examiner will consider whether the amendment places the application in condition for allowance (after completing the additional search and/or consideration, if required). If the examiner determines that the amendment does not place the application in condition for allowance, then the examiner will contact the applicant and request an interview. ▪ The interview will be conducted by the examiner, and if the examiner does not have negotiation authority, a primary examiner and/or supervisory patent examiner will also participate. ▪ If the applicant declines the interview, or if the interview cannot be scheduled within ten (10) calendar days from the date that the examiner first contacts the applicant, then the examiner will proceed consistent with current practice concerning responses after final rejection under 37 CFR 1.116.		
Signature /Ellen M. Bierman/	Date July 24, 2014	
Name (Print/Typed) Ellen M. Bierman	Practitioner Registration No. 38,079	
Note: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.		
☒ * Total of <u>1</u> forms are submitted.		

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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.

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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:	19671874
Application Number:	13451510
International Application Number:	
Confirmation Number:	2185
Title of Invention:	ACCESS CONTROLS FOR KNOWN CONTENT
First Named Inventor/Applicant Name:	Joseph Zipperer
Customer Number:	25315
Filer:	Ellen M Bierman/Jessica Bukowski
Filer Authorized By:	Ellen M Bierman
Attorney Docket Number:	MDIP-1-2402
Receipt Date:	24-JUL-2014
Filing Date:	19-APR-2012
Time Stamp:	13:42:15
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		MDIP-1-2402AM02-Final.pdf	290170 4b053fb8b8897908aae4db200515a8bfe4310909	yes	10

	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	10				
Warnings:							
Information:							
2	After Final Consideration Program Request	MDIP-1-2402AM02-AFCPReq.pdf	226751 1c559797b5801ad6259506e79a7e1f88568 eaa35	no	2		
Warnings:							
Information:							
Total Files Size (in bytes):			516921				
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. <u>New Applications Under 35 U.S.C. 111</u> 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. <u>National Stage of an International Application under 35 U.S.C. 371</u> 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. <u>New International Application Filed with the USPTO as a Receiving Office</u> 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.							

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 13/451,510		Filing Date 04/19/2012		☐ To be Mailed				
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO													
APPLICATION AS FILED – PART I													
(Column 1)			(Column 2)										
FOR		NUMBER FILED		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													
(Column 1)			(Column 2)			(Column 3)							
AMENDMENT	07/24/2014		CLAIMS REMAINING AFTER AMENDMENT			HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))		* 19		Minus	** 20		= 0		X \$40 =		0	
	Independent (37 CFR 1.16(h))		* 3		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	
(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 \$ =			
	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
/JACQUELYN WILLIAMS/

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

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.
13/451,510	04/19/2012	Joseph Zipperer	MDIP-1-2402	2185

25315	7590	08/14/2014
LOWE GRAHAM JONES, PLLC		
701 FIFTH AVENUE		
SUITE 4800		
SEATTLE, WA 98104		

EXAMINER	
DUNN, MISHAWN N	

ART UNIT	PAPER NUMBER
2484	

NOTIFICATION DATE	DELIVERY MODE
08/14/2014	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):

patentdocketing@lowegrahamjones.com
docketing-patent@lowegrahamjones.com

Advisory Action Before the Filing of an Appeal Brief	Application No. 13/451,510	Applicant(s) ZIPPERER ET AL.	
	Examiner MISHAWN DUNN	Art Unit 2484	AIA (First Inventor to File) Status No

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

THE REPLY FILED 24 July 2014 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.
NO NOTICE OF APPEAL FILED

1. ☒ The reply was filed after a final rejection. No Notice of Appeal has been filed. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114 if this is a utility or plant application. Note that RCEs are not permitted in design applications. The reply must be filed within one of the following time periods:

a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.

b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action; or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

c) ☐ A prior Advisory Action was mailed more than 3 months after the mailing date of the final rejection in response to a first after-final reply filed within 2 months of the mailing date of the final rejection. The current period for reply expires _____ months from the mailing date of the prior Advisory Action or SIX MONTHS from the mailing date of the final rejection, whichever is earlier.

Examiner Note: If box 1 is checked, check either box (a), (b) or (c). ONLY CHECK BOX (b) WHEN THIS ADVISORY ACTION IS THE FIRST RESPONSE TO APPLICANT'S FIRST AFTER-FINAL REPLY WHICH WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. ONLY CHECK BOX (c) IN THE LIMITED SITUATION SET FORTH UNDER BOX (c). See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) or (c) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☒ The proposed amendments filed after a final rejection, but prior to the date of filing a brief, will not be entered because

a) ☒ They raise new issues that would require further consideration and/or search (see NOTE below);

b) ☐ They raise the issue of new matter (see NOTE below);

c) ☒ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or

d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See Continuation Sheet. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).

5. ☐ Applicant's reply has overcome the following rejection(s): _____.

6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

7. ☒ For purposes of appeal, the proposed amendment(s): (a) ☒ will not be entered, or (b) ☐ will be entered, and an explanation of how the new or amended claims would be rejected is provided below or appended.

AFFIDAVIT OR OTHER EVIDENCE

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

9. ☐ The affidavit or other evidence filed after final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).

10. ☐ The affidavit or other evidence filed after the date of filing the Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).

11. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

12. ☐ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____.

13. ☐ Note the attached Information *Disclosure Statement*(s). (PTO/SB/08) Paper No(s). _____

14. ☐ Other: _____.

STATUS OF CLAIMS

15. The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____.

Claim(s) objected to: _____.

Claim(s) rejected: 1-19.

Claim(s) withdrawn from consideration: _____.

/HUNG DANG/
Primary Examiner, Art Unit 2484

Continuation of 3. NOTE: Amended claims raise new issues and require further search and consideration.

DO NOT ENTER: /M.D./
08/07/2014

**RESPONSE UNDER 37 CFR 1.116
EXPEDITED PROCEDURE - EXAMINING GROUP 2480**

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Joseph Zipperer, *et al.*
Application No. : 13/451,510
Filed : April 19, 2012
For : ACCESS CONTROLS FOR KNOWN CONTENT

Examiner : Mishawn N. Dunn
Art Unit : 2484
Docket No. : MDIP-1-2402
Date : July 24, 2014

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT UNDER 37 CFR 1.116

Commissioner for Patents:

In response to the Office Action dated April 24, 2014 please amend the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

25315
CUSTOMER NUMBER

1
MDIP-1-2402AM02-Final

LOWE GRAHAM JONES PLLC

701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

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 13/451,510		Filing Date 04/19/2012		☐ To be Mailed		
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO										
APPLICATION AS FILED – PART I										
		(Column 1)		(Column 2)						
FOR		NUMBER FILED		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										
		(Column 1)		(Column 2)		(Column 3)				
AMENDMENT	09/15/2014		CLAIMS REMAINING AFTER AMENDMENT			HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))		* 19		Minus	** 20	= 0	X \$40 =	0	
	Independent (37 CFR 1.16(h))		* 3		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
		(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 \$ =		
	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
/DONNA 1. SMALLS LOGAN/

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

UNITED STATES DEPARTMENT OF COMMERCE
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P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

25315 7590 09/19/2014
LOWE GRAHAM JONES, PLLC
701 FIFTH AVENUE
SUITE 4800
SEATTLE, WA 98104

EXAMINER

DUNN, MISHAWN N

ART UNIT

PAPER NUMBER

2484

DATE MAILED: 09/19/2014

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/451,510	04/19/2012	Joseph Zipperer	MDIP-1-2402	2185

TITLE OF INVENTION: ACCESS CONTROLS FOR KNOWN CONTENT

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	12/19/2014

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: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax **(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)

25315 7590 09/19/2014
LOWE GRAHAM JONES, PLLC
701 FIFTH AVENUE
SUITE 4800
SEATTLE, WA 98104

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 facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/451,510	04/19/2012	Joseph Zipperer	MDIP-1-2402	2185

TITLE OF INVENTION: ACCESS CONTROLS FOR KNOWN CONTENT

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	12/19/2014

EXAMINER	ART UNIT	CLASS-SUBCLASS
DUNN, MISHAWN N	2484	725-028000

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 03-02 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, 1 _____
- (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. 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 has been filed for recordation as set forth in 37 CFR 3.11. 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. The following fee(s) are submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (**Please first reapply any previously paid issue fee shown above**)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

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
United States Patent and Trademark Office
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/451,510	04/19/2012	Joseph Zipperer	MDIP-1-2402	2185
25315 7590 09/19/2014 LOWE GRAHAM JONES, PLLC 701 FIFTH AVENUE SUITE 4800 SEATTLE, WA 98104			EXAMINER DUNN, MISHAWN N	
			ART UNIT	PAPER NUMBER
			2484	

DATE MAILED: 09/19/2014

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 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, 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. 13/451,510	Applicant(s) ZIPPERER ET AL.	
	Examiner MISHAWN DUNN	Art Unit 2484	AIA (First Inventor to File) 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 amendment filed 8/14/14.
☐ 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 1-19. 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)	5. ☒ Examiner's Amendment/Comment
2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____	6. ☐ Examiner's Statement of Reasons for Allowance
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	7. ☐ Other _____
4. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____	

/HUNG DANG/ Primary Examiner, Art Unit 2484	
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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 a telephone interview with Ellen Bierman on 8/27/14.

The application has been amended as follows: Claim 1 recites, "An apparatus for setting rating based access controls for known digital content to be played on a video playback device having a V-chip, the apparatus comprising: a rating policy management module for selectively setting rating based access control on a per media and per user basis for digital content of a digital library thereby overriding a policy set by the V-chip for access to the digital content from the video playback device; and a rating policy enforcement module for enforcing rating based access to the individual digital content for a plurality of users separate from and in addition to an administrator, wherein at least a first user and a second user of the plurality of users have different media rating requirements and have different media ratings associated with a same specific digital content, wherein a first of the two users is allowed to access the [[same]] specific digital content based upon a first authentication code and a second of the two users is blocked from access to the [[same]] specific digital content based upon a second authentication code, wherein the first authentication code comprises a personal identification number (PIN), [[and]] wherein the different ratings associated with the [[same]] specific digital

content are enforced using the first and second authentication codes, and wherein the first of the two users is allowed to access the specific digital content in response to determining that a content identifier of the specific digital content matches a user identifier of the first user and the personal identification number of the first user is successfully authenticated.”

Claim 4 recites, “A method in a computing system for creating specific rating policies for digital media access, the method comprising: under control of the computing system having a memory and a processor, performing the acts of: retrieving media information from the memory comprising a rating based media access policy for a digital content; displaying the rating based media access policy to a user; receiving from the user a first rating based access control policy override action for a first viewer and a second, different, rating based access control policy override action for a second viewer with respect to a same specific digital content, wherein the first viewer and second viewer are separate and distinct from the user from which the override actions are received, and wherein the first viewer is associated with a first authentication code unique to the first viewer and the second viewer is associated with a second authentication code unique to the second viewer; [[and]] storing the first and second policy override actions in a rating policy repository wherein future playback of the digital content is allowed or blocked consistent with the stored policy override action, and wherein the first viewer is allowed to access the [[same]] specific digital content based upon the first authentication code and the second viewer is blocked from access to the [[same]] specific digital content based upon the second authentication code, wherein the

first authentication code comprises a personal identification number (PIN), and wherein the first of the two users is allowed to access the specific digital content in response to determining that a content identifier of the specific digital content matches a user identifier of the first user and the personal identification number of the first user is successfully authenticated.”

Claim 12 recites, “A method in a computing system for rating based media access policy enforcement, the method comprising: under control of a video playback device having a V-chip that specifies default rating based access policy, performing the acts of: displaying metadata; responsive to a first user selecting a media content from the displayed metadata, and responsive to determining that rating based access control configured to override the V-chip default rating based access policy is enabled: reading media information; reading a default rating based access policy action associated with the selected media content configured to override the V-chip default rating based access policy; and responsive to determining that an authentication code is required: validating an authentication code; and beginning playback of the media; and responsive to a second different user selecting the same media from the displayed metadata: determining that an authentication code associated with the second preventing playback of the media wherein the first and second users are not administrators of the rating based access control configured to override the V-Chip default rating based access policy, wherein the first authentication code comprises a personal identification number (PIN), and wherein the first of the two users is allowed to access the media content in response to determining that a content identifier of the media content matches a user

identifier of the first user and the personal identification number of the first user is
successfully authenticated.”

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MISHAWN DUNN whose telephone number is (571)272-7635. The examiner can normally be reached on Monday - Friday 7:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Tran can be reached on (571)272-7382. 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.

/MISHAWN DUNN/
Examiner, Art Unit 2484

/HUNG DANG/
Primary Examiner, Art Unit 2484

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 examiner's 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 applicant's 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 applicant's 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 examiner's 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 examiner's initials.

Notice of References Cited	Application/Control No. 13/451,510	Applicant(s)/Patent Under Reexamination ZIPPERER ET AL.	
	Examiner MISHAWN DUNN	Art Unit 2484	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-7,124,938	10-2006	Marsh, David J	235/382
*	B	US-7,930,762	04-2011	Blair et al.	726/28
*	C	US-2006/0171672	08-2006	Jin et al.	386/094
	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	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. 13451510	Applicant(s)/Patent Under Reexamination ZIPPERER ET AL.
	Examiner MISHAWN DUNN	Art Unit 2484

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
713	150-155,168,176,180,182-186,189	8/10/2013	MD
380	251,270	8/10/2013	MD
463	29	8/10/2013	MD
386	261	4/8/2014	MD
725	25-28	4/8/2014	MD
725	30	8/1/2014	MD

SEARCH NOTES		
Search Notes	Date	Examiner
performed EAST search (search history attached)	8/10/2013	MD
updated EAST search (search history attached)	4/11/2014	MD
updated EAST search (search history attached)	8/1/2014	MD
consulted Helen Shibru, Gelek Topgyal, and Hung Dang about prior art	8/10/2014	MD
performed interference search (search history attached)	9/2/2014	MD

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
386	261	9/2/2014	MD
725	25,27,28,30	9/2/2014	MD
713	168,182,184,186	9/2/2014	MD

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Issue Classification 	Application/Control No. 13451510	Applicant(s)/Patent Under Reexamination ZIPPERER ET AL.	
	Examiner MISHAWN DUNN	Art Unit 2484	

CPC					
Symbol				Type	Version
G11B	27	322		F	2013-01-01
G06F	21	10		I	2013-01-01
H04N	5	76		A	2013-01-01
G11B	20	00152		A	2013-01-01
G11B	20	00159		A	2013-01-01

CPC Combination Sets				
Symbol	Type	Set	Ranking	Version

/MISHAWN DUNN/ Examiner.Art Unit 2484 (Assistant Examiner)	9/2/2014 (Date)	Total Claims Allowed: 19	
/HUNG DANG/ Primary Examiner.Art Unit 2484 (Primary Examiner)	09/15/2014 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 2

Issue Classification 	Application/Control No. 13451510	Applicant(s)/Patent Under Reexamination ZIPPERER ET AL.
	Examiner MISHAWN DUNN	Art Unit 2484

US ORIGINAL CLASSIFICATION						INTERNATIONAL CLASSIFICATION														
CLASS		SUBCLASS				CLAIMED					NON-CLAIMED									
725		28				H	0	4	N	7 / 16 (2011.01.01)										
CROSS REFERENCE(S)																				
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)																			
725	25	27	30																	
386	261																			
713	168	182	184	186																

/MISHAWN DUNN/ Examiner.Art Unit 2484 (Assistant Examiner)	9/2/2014 (Date)	Total Claims Allowed: 19	
/HUNG DANG/ Primary Examiner.Art Unit 2484 (Primary Examiner)	09/15/2014 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 2

Issue Classification 	Application/Control No. 13451510	Applicant(s)/Patent Under Reexamination ZIPPERER ET AL.
	Examiner MISHAWN DUNN	Art Unit 2484

☒ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1		17												
	2		18												
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/MISHAWN DUNN/ Examiner.Art Unit 2484 (Assistant Examiner)	9/2/2014 (Date)	Total Claims Allowed: 19	
/HUNG DANG/ Primary Examiner.Art Unit 2484 (Primary Examiner)	09/15/2014 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 2

<i>Index of Claims</i> 	Application/Control No. 13451510	Applicant(s)/Patent Under Reexamination ZIPPERER ET AL.
	Examiner MISHAWN DUNN	Art Unit 2484

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☒ Claims renumbered in the same order as presented by applicant					☐ CPA		☐ T.D.		☐ R.1.47	
CLAIM		DATE								
Final	Original	08/12/2013	04/11/2014	09/02/2014						
	1	✓	✓	=						
	2	✓	✓	=						
	3	✓	✓	=						
	4	✓	✓	=						
	5	✓	✓	=						
	6	✓	✓	=						
	7	✓	✓	=						
	8	✓	✓	=						
	9	✓	✓	=						
	10	✓	✓	=						
	11	✓	✓	=						
	12	✓	✓	=						
	13	✓	✓	=						
	14	✓	✓	=						
	15	✓	✓	=						
	16	✓	✓	=						
	17	✓	✓	=						
	18	✓	✓	=						
	19	✓	✓	=						

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S38	2	"per media basis" and ("v-chip" or (parental near control))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/08/01 14:11
S37	0	(block\$4 with "per media basis") and ("v-chip" or (parental near control))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/08/01 14:11
S39	1	"per media" and ("v-chip" or (parental near control)) and "per user"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/08/01 14:12
S40	3	"7930762".PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/08/05 12:19
S43	7	("7124938" "7930762" "20060171672").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/08/22 14:25
L1	12	(v adj chip) with overrid\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/09 06:56
L3	8	(unlock\$3 or unblock\$3) with (parental adj control) with (playback or recorded or reproduc\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/09 06:57
L2	30	overrid\$3 with (parental adj control) with (playback or recorded or reproduc\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/09 06:57

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	0	(rating and video and (play\$4 or reproduc\$4) and (v adj chip) and library and overrid\$3 and access\$3 and (authenticat\$3 or pin or "personal identification") and block\$3 and allow\$3).clm.	USPAT; UPAD	OR	ON	2014/09/09 07:09
L9	0	(video and (play\$4 or reproduc\$4) and (v adj chip) and library and overrid\$3 and access\$3 and (authenticat\$3 or pin or "personal identification") and block\$3 and allow\$3).clm.	USPAT; UPAD	OR	ON	2014/09/09 07:10
L8	0	(rating and video and (play\$4 or reproduc\$4) and (authenticat\$3 or pin or "personal identification") and block\$3 and allow\$3).clm.	USPAT; UPAD	OR	ON	2014/09/09 07:10

L7	0	(rating and video and (play\$4 or reproduc\$4) and (v adj chip) and (authenticat\$3 or pin or "personal identification")).clm.	USPAT; UPAD	OR	ON	2014/09/09 07:10
L6	0	(rating and video and (play\$4 or reproduc\$4) and (v adj chip) and overrid\$3 and (authenticat\$3 or pin or "personal identification")).clm.	USPAT; UPAD	OR	ON	2014/09/09 07:10
L5	0	(rating and video and (play\$4 or reproduc\$4) and (v adj chip) and overrid\$3 and (authenticat\$3 or pin or "personal identification") and block\$3 and allow\$3).clm.	USPAT; UPAD	OR	ON	2014/09/09 07:10
L12	1	(video and (play\$4 or reproduc\$4) and (parental near control) and overrid\$3).clm.	USPAT; UPAD	OR	ON	2014/09/09 07:11
L11	0	(video and (play\$4 or reproduc\$4) and (v adj chip) and overrid\$3).clm.	USPAT; UPAD	OR	ON	2014/09/09 07:11
L10	0	(video and (play\$4 or reproduc\$4) and (v adj chip) and overrid\$3 and (authenticat\$3 or pin or "personal identification")).clm.	USPAT; UPAD	OR	ON	2014/09/09 07:11

9/ 9/ 2014 7:13:10 AM

C:\ Users\ mdunn\ Documents\ EAST\ Workspaces\ 13451510.wsp



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

BIB DATA SHEET

CONFIRMATION NO. 2185

SERIAL NUMBER 13/451,510	FILING or 371(c) DATE 04/19/2012 RULE	CLASS 386	GROUP ART UNIT 2484	ATTORNEY DOCKET NO. MDIP-1-2402		
APPLICANTS INVENTORS Joseph Zipperer, Seattle, WA; Steven King, Bellevue, WA; Valiant Seu, Bellevue, WA; ** CONTINUING DATA ***** This appln claims benefit of 61/478,204 04/22/2011 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 04/30/2012						
Foreign Priority claimed ☐ Yes ☒ No 35 USC 119(a-d) conditions met ☐ Yes ☒ No Verified and Acknowledged <u>/MISHAWN N DUNN/</u> Examiner's Signature		☐ Met after Allowance Initials	STATE OR COUNTRY WA	SHEETS DRAWINGS 5	TOTAL CLAIMS 19	INDEPENDENT CLAIMS 3
ADDRESS LOWE GRAHAM JONES, PLLC 701 FIFTH AVENUE SUITE 4800 SEATTLE, WA 98104 UNITED STATES						
TITLE ACCESS CONTROLS FOR KNOWN CONTENT						
FILING FEE RECEIVED 595	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			

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Joseph Zipperer, *et al.*
Application No. : 13/451, 510
Filed : April 19, 2012
For : ACCESS CONTROLS FOR KNOWN CONTENT

Examiner : Mishawn N. Dunn
Art Unit : 2484
Docket No. : MDIP-1-2402
Date : October 17, 2014

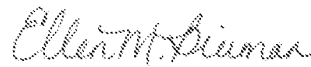
Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

STATEMENT OF SUBSTANCE UNDER 37 C.F.R. § 1.133(b)

Commissioner for Patents:

Applicant's representative thanks the Examiner for their time, courtesy, and effort extended in a telephonic interview on August 27, 2014. In this interview the Examiner and Applicant's representative agreed to amendments to be made in an Examiner's amendment.

LOWE GRAHAM JONES ^{PLLC}



Ellen M. Bierman
Registration No. 38,079

EMB:jrb

25315
CUSTOMER NUMBER

1
MDIP-1-2402SOS01

LOWE GRAHAM JONES ^{PLLC}

701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

Electronic Acknowledgement Receipt	
EFS ID:	20451973
Application Number:	13451510
International Application Number:	
Confirmation Number:	2185
Title of Invention:	ACCESS CONTROLS FOR KNOWN CONTENT
First Named Inventor/Applicant Name:	Joseph Zipperer
Customer Number:	25315
Filer:	Ellen M Bierman/Jessica Bukowski
Filer Authorized By:	Ellen M Bierman
Attorney Docket Number:	MDIP-1-2402
Receipt Date:	17-OCT-2014
Filing Date:	19-APR-2012
Time Stamp:	17:48:46
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Applicant summary of interview with examiner	MDIP-1-2402SOS01.pdf	79056 026bade187ffd4ebe72e0455c758353e48cd59d7	no	1

Warnings:

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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.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		13451510	
	Filing Date		2012-04-19	
	First Named Inventor	Joseph Zipperer		
	Art Unit	2484		
	Examiner Name	Mishawn N. Dunn		
	Attorney Docket Number	MDIP-1-2402		

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20030110209	A1	2003-06-12	Loui et al.	
	2	20030130822	A1	2003-07-10	Steele	
	3	20060015580	A1	2006-01-19	Gabriel et al.	
	4	20060209102	A1	2006-09-21	Jones et al.	
	5	20060284981	A1	2006-12-21	Erol et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		13451510	
	Filing Date		2012-04-19	
	First Named Inventor	Joseph Zipperer		
	Art Unit	2484		
	Examiner Name	Mishawn N. Dunn		
	Attorney Docket Number	MDIP-1-2402		

	6	20070250384	A1	2007-10-25	Geller et al.	
	7	20080034126	A1	2008-02-07	Baker	
	8	20080229371	A1	2008-09-18	Mick et al.	
	9	20080250120	A1	2008-10-09	Mick et al.	
	10	20080279533	A1	2008-11-13	Buttars	
	11	20080288542	A1	2008-11-20	Buttars	
	12	20100057563	A1	2010-03-04	Rauber et al.	
	13	20100057924	A1	2010-03-04	Rauber et al.	
	14	20100162325	A1	2010-06-24	Bonar	

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Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		13451510	
	Filing Date		2012-04-19	
	First Named Inventor	Joseph Zipperer		
	Art Unit	2484		
	Examiner Name	Mishawn N. Dunn		
	Attorney Docket Number	MDIP-1-2402		

	1							☐
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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	13451510
	Filing Date	2012-04-19
	First Named Inventor	Joseph Zipperer
	Art Unit	2484
	Examiner Name	Mishawn N. Dunn
	Attorney Docket Number	MDIP-1-2402

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Ellen M. Bierman/	Date (YYYY-MM-DD)	2014-12-09
Name/Print	Ellen M. Bierman	Registration Number	38079

This collection of information is required by 37 CFR 1.97 and 1.98. 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 1 hour 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.**

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 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 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.

Electronic Acknowledgement Receipt	
EFS ID:	20913090
Application Number:	13451510
International Application Number:	
Confirmation Number:	2185
Title of Invention:	ACCESS CONTROLS FOR KNOWN CONTENT
First Named Inventor/Applicant Name:	Joseph Zipperer
Customer Number:	25315
Filer:	Ellen M Bierman/Jessica Bukowski
Filer Authorized By:	Ellen M Bierman
Attorney Docket Number:	MDIP-1-2402
Receipt Date:	09-DEC-2014
Filing Date:	19-APR-2012
Time Stamp:	18:51:58
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	MDIP-1-2402IDS.pdf	612276 121b1c4d9d5b737436c18e375837d02b4f776ed	no	5

Warnings:

Information:

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New Applications Under 35 U.S.C. 111

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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.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (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)

25315 7390 09/19/2014
LOWE GRAHAM JONES, PLLC
701 FIFTH AVENUE
SUITE 4800
SEATTLE, WA 98104

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 facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/451,510	04/19/2012	Joseph Zipperer	MDIP-1-2402	2185

TITLE OF INVENTION: ACCESS CONTROLS FOR KNOWN CONTENT

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	12/19/2014

EXAMINER	ART UNIT	CLASS-SUBCLASS
DUNN, MISHAWN N	2484	725-028000

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 03-02 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 Lowe Graham Jones PLLC

2 Ellen M. Bierman

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 has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Media IP, LLC

(B) RESIDENCE (CITY and STATE OR COUNTRY)

Seattle, Washington

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

☒ Issue Fee

☒ Publication Fee (No small entity discount permitted)

☐ Advance Order - # of Copies

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

☐ A check is enclosed.

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☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number 50-1050 (enclose an extra copy of this form).

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 Ellen M. Bierman

Date December 18, 2014

Typed or printed name Ellen M. Bierman

Registration No. 38,079

Page 2 of 3

Electronic Patent Application Fee Transmittal				
Application Number:		13451510		
Filing Date:		19-Apr-2012		
Title of Invention:		ACCESS CONTROLS FOR KNOWN CONTENT		
First Named Inventor/Applicant Name:		Joseph Zipperer		
Filer:		Ellen M Bierman/Jessica Bukowski		
Attorney Docket Number:		MDIP-1-2402		
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:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Utility Appl Issue Fee	1501	1	960	960
Publ. Fee- Early, Voluntary, or Normal	1504	1	0	0
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				960

Electronic Acknowledgement Receipt	
EFS ID:	21006969
Application Number:	13451510
International Application Number:	
Confirmation Number:	2185
Title of Invention:	ACCESS CONTROLS FOR KNOWN CONTENT
First Named Inventor/Applicant Name:	Joseph Zipperer
Customer Number:	25315
Filer:	Ellen M Bierman/Jessica Bukowski
Filer Authorized By:	Ellen M Bierman
Attorney Docket Number:	MDIP-1-2402
Receipt Date:	18-DEC-2014
Filing Date:	19-APR-2012
Time Stamp:	16:03:30
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Electronic Funds Transfer
Payment was successfully received in RAM	\$ 960
RAM confirmation Number	3164
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	Issue Fee Payment (PTO-85B)	MDIP-1-2402XIF.pdf	209889 8136d1e8070887ebfe93ca3d797c1023d1eb1094	no	1
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	32488 31e49bb2b4dad651ba13f372600baa9af2b90aaf	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			242377		
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. <u>New Applications Under 35 U.S.C. 111</u> 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. <u>National Stage of an International Application under 35 U.S.C. 371</u> 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. <u>New International Application Filed with the USPTO as a Receiving Office</u> 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.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/451,510	04/19/2012	Joseph Zipperer	MDIP-1-2402	2185
7590 12/22/2014 LOWE GRAHAM JONES, PLLC 701 FIFTH AVENUE SUITE 4800 SEATTLE, WA 98104			EXAMINER DUNN, MISHAWN N	
			ART UNIT	PAPER NUMBER
			2484	
			NOTIFICATION DATE	DELIVERY MODE
			12/22/2014	ELECTRONIC

NOTICE OF NON-COMPLIANT INFORMATION DISCLOSURE STATEMENT

An Information Disclosure Statement (IDS) filed 12-9-14 in the above-identified application fails to meet the requirements of 37 CFR 1.97(d) for the reason(s) specified below. Accordingly, the IDS will be placed in the file, but the information referred to therein has not been considered.

The IDS is not compliant with 37 CFR 1.97(d) because:

- ☒ The IDS lacks a statement as specified in 37 CFR 1.97(e).
- ☐ The IDS lacks the fee set forth in 37 CFR 1.17(p).
- ☐ The IDS was filed after the issue fee was paid. Applicant may wish to consider filing a petition to withdraw the application from issue under 37 CFR 1.313(c) to have the IDS considered. See MPEP 1308.

571-272-4200 or 1-888-786-0101
Application Assistance Unit
Office of Data Management



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Alexandria, Virginia 22313-1450
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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/451,510	02/03/2015	8949879	MDIP-1-2402	2185

25315 7590 01/14/2015
LOWE GRAHAM JONES, PLLC
701 FIFTH AVENUE
SUITE 4800
SEATTLE, WA 98104

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):

Joseph Zipperer, Seattle, WA;
Steven King, Bellevue, WA;
Valiant Seu, Bellevue, WA;

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.



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UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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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	REQUEST ID
13/451,510	04/19/2012	Joseph Zipperer	MDIP-1-2402	73814

Acknowledgement of Change to Small Entity Status

The entity status change request below filed through Private PAIR on 10/16/2018 has been accepted.

CERTIFICATIONS:

Change of Entity Status:

✕ Applicant asserting small entity status. See 37 CFR 1.27.

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.

This portion must be completed by the signatory or signatories making the entity status change in accordance with 37 CFR 1.4(d)(4).

Signature:	/Ellen M. Bierman/
Name:	Ellen M. Bierman
Registration Number:	38079

TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Power of Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA/82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.

Application Number	13/451,510
Filing Date	April 19, 2012
First Named Inventor	Joseph Zipperer
Title	ACCESS CONTROLS FOR KNOWN CONTENT
Art Unit	2484
Examiner Name	HUNTER, MISHAWN N
Attorney Docket Number	

SIGNATURE of Applicant or Patent Practitioner

Signature	/Jialin Zhong/	Date (Optional)	
Name	Jialin Zhong	Registration Number	
Title (if Applicant is a juristic entity)	Attorney of Record		
Applicant Name (if Applicant is a juristic entity)	TRUESIGHT COMMUNICATIONS LLC		

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.



*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. 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 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.

POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in either the attached transmittal letter or the boxes below.

Application Number	Filing Date

(Note: The boxes above may be left blank if information is provided on form PTO/AIA/82A.)

- ☒ I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above:
- OR
- ☐ I hereby appoint Practitioner(s) named in the attached list (form PTO/AIA/82C) as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the patent application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Note: Complete form PTO/AIA/82C.)

Please recognize or change the correspondence address for the application identified in the attached transmittal letter or the boxes above to:

- ☒ The address associated with the above-mentioned Customer Number
- OR

☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name

Address

City

State

Zip

Country

Telephone

Email

I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):

TRUESIGHT COMMUNICATIONS LLC

- ☐ Inventor or Joint Inventor (title not required below)
- ☐ Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)
- ☒ Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)
- ☐ Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

Signature

Name

Title

Date (Optional)

5/6/2022

Charles Ferraro

Owner

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.

☒ Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. 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 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.

STATEMENT UNDER 37 CFR 3.73(c)

Applicant/Patent Owner: TRUESIGHT COMMUNICATIONS LLC

Application No./Patent No.: 8,949,879 Filed/Issue Date: 02-03-2015

Titled: ACCESS CONTROLS FOR KNOWN CONTENT

TRUESIGHT COMMUNICATIONS LLC, a Limited Liability Company

(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: Inventors To: MEDIA IP, LLC

The document was recorded in the United States Patent and Trademark Office at
Reel 028938, Frame 0076, or for which a copy thereof is attached.

2. From: MEDIA IP, LLC To: TRUESIGHT COMMUNICATIONS LLC

The document was recorded in the United States Patent and Trademark Office at
Reel 059810, Frame 059810, or for which a copy thereof is attached.

[Page 1 of 2]

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.

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.

/Jialin Zhong/

Signature

Jialin Zhong

Printed or Typed Name

2022-05-09

Date

62,937

Title or Registration 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.

Electronic Acknowledgement Receipt	
EFS ID:	45667164
Application Number:	13451510
International Application Number:	
Confirmation Number:	2185
Title of Invention:	ACCESS CONTROLS FOR KNOWN CONTENT
First Named Inventor/Applicant Name:	Joseph Zipperer
Customer Number:	25315
Filer:	Jialin Zhong/Eddie Rowell
Filer Authorized By:	Jialin Zhong
Attorney Docket Number:	MDIP-1-2402
Receipt Date:	09-MAY-2022
Filing Date:	19-APR-2012
Time Stamp:	16:11:02
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	POA82A.pdf	179811	no	1
			8538a7a0921001f6cc350568e7f5235e795a5a20		

Warnings:

Information:					
2	Power of Attorney	truesight_poa_signed_cferraro_6may22.pdf	876732	no	1
			a0636a6172bc3dc37ea139e71f0afaca66375bbd		
Warnings:					
Information:					
3	Assignee showing of ownership per 37 CFR 3.73	879_373c.pdf	124518	no	3
			60b2fdb0a794b7e4c4285923b435de650efd9d67		
Warnings:					
Information:					
Total Files Size (in bytes):			1181061		
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. <u>New Applications Under 35 U.S.C. 111</u> 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. <u>National Stage of an International Application under 35 U.S.C. 371</u> 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. <u>New International Application Filed with the USPTO as a Receiving Office</u> 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 CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 8,949,879

APPLICATION NO.: 13/451,510

ISSUE DATE : February 3, 2015

INVENTOR(S) : Joseph Zipperer, Steven King, Valiant Seu

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 14,

Line 1, "two users" should read -- two viewers --

Line 4, "user and the personal identification number of the first user is" should read -- viewer and the personal identification number of the first viewer is --

MAILING ADDRESS OF SENDER (Please do not use Customer Number below):

Jialin Zhong, Reg. No. 62,937
51 JFK Parkway, First Floor West
Short Hills, NJ 07078

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. 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 1.0 hour 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: Attention Certificate of Corrections Branch, 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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):
Zipperer et al.

Patent No.: 8,949,879

Issue Date: February 3, 2015

Title: ACCESS CONTROLS FOR KNOWN
CONTENT

Confirmation No.: 2185

Examiner: Hunter, Mishawn N.

Group Art Unit: 2484

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION
UNDER 37 CFR §1.323

Dear Sir:

Patentee hereby requests a Certificate of Correction under 37 CFR §1.323 in order to correct clerical errors in the above identified patent. The text of the requested correction is set forth in the enclosed Certificate of Correction form PTO/SB/44, with the location of the errors in the printed patent identified by claim and column/line numbers.

Pursuant to 35 U.S.C. §255, Patentee submits that the above-referenced issued patent includes errors of a clerical or typographical nature, or of minor character, which were not the fault of the United States Patent and Trademark Office.

In the patent, at claim 14, Column 14, Line 1, "two users" should read -- two viewers --
Line 4, "user and the personal identification number of the first user is" should read --
viewer and the personal identification number of the first viewer is --

Patent No.: 8,949,879

-1-

As such, Patentee respectfully submits that these errors occurred in good faith, are clerical or typographical in nature, or of minor character, and the associated requested corrections do not constitute new matter or require reexamination.

The required fee of \$160 under 37 C.F.R. §1.20(a) is been submitted herewith. Expedited processing of this Request is hereby requested.

Should it be determined that a deficiency exists for payment of fees due in connection with the filing of this Request, the Commissioner is authorized to charge the cost of any such additional fees to our Deposit Account No. 60-3614.

Respectfully submitted,

Dated: 5/16/2022

/ Jialin Zhong/
Jialin Zhong
Reg. No. 62,937
Phone: (908) 376-3104
Email: zhong@zhong-law.com

Electronic Patent Application Fee Transmittal				
Application Number:		13451510		
Filing Date:		19-Apr-2012		
Title of Invention:		ACCESS CONTROLS FOR KNOWN CONTENT		
First Named Inventor/Applicant Name:		Joseph Zipperer		
Filer:		Jialin Zhong/Eddie Rowell		
Attorney Docket Number:				
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:				
CERTIFICATE OF CORRECTION	2811	1	160	160

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				160

Electronic Acknowledgement Receipt	
EFS ID:	45718795
Application Number:	13451510
International Application Number:	
Confirmation Number:	2185
Title of Invention:	ACCESS CONTROLS FOR KNOWN CONTENT
First Named Inventor/Applicant Name:	Joseph Zipperer
Customer Number:	172615
Filer:	Jialin Zhong/Eddie Rowell
Filer Authorized By:	Jialin Zhong
Attorney Docket Number:	
Receipt Date:	16-MAY-2022
Filing Date:	19-APR-2012
Time Stamp:	15:37:58
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$160
RAM confirmation Number	E20225FF43250932
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	Request for Certificate of Correction	sb0044_879_patent.pdf	200497	no	2
			f25ca0c783b2682a2b8579cd7eca87dc4cff057a		
Warnings:					
Information:					
2	Request for Certificate of Correction	Cert_of_Corr.pdf	29463	no	2
			9fc3da6f84e112c6d30f70bcaab5c1fa8084d1cd		
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	37634	no	2
			584f989685efd34f80918dd5b9146d9b0697192c		
Warnings:					
Information:					
Total Files Size (in bytes):			267594		
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. <u>New Applications Under 35 U.S.C. 111</u> 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. <u>National Stage of an International Application under 35 U.S.C. 371</u> 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. <u>New International Application Filed with the USPTO as a Receiving Office</u> 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

Inventor(s):
Zipperer et al.

Patent No.: 8,949,879

Issue Date: February 3, 2015

Title: ACCESS CONTROLS FOR KNOWN
CONTENT

Confirmation No.: 2185

Examiner: Hunter, Mishawn N.

Group Art Unit: 2484

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL REQUEST FOR CERTIFICATE OF CORRECTION
UNDER 37 CFR §1.323

Dear Sir:

This Supplemental Request replaces the Request filed May 16, 2022. Patentee hereby requests a Certificate of Correction under 37 CFR §1.323 in order to correct clerical errors in the above identified patent. The Request filed May 16, 2022 included a typographical error to the text below. The text of the requested correction is set forth in the enclosed Certificate of Correction form PTO/SB/44, with the location of the errors in the printed patent identified by claim and column/line numbers.

Pursuant to 35 U.S.C. §255, Patentee submits that the above-referenced issued patent includes errors of a clerical or typographical nature, or of minor character, which were not the fault of the United States Patent and Trademark Office.

In the patent, at claim 4, Column 14, Line 1, "two users" should read -- two viewers --

Patent No.: 8,949,879

-1-

Line 4, "user and the personal identification number of the first user is" should read --
viewer and the personal identification number of the first viewer is --

As such, Patentee respectfully submits that these errors occurred in good faith, are clerical or typographical in nature, or of minor character, and the associated requested corrections do not constitute new matter or require reexamination.

The required fee of \$160 under 37 C.F.R. §1.20(a) is been submitted herewith. Expedited processing of this Request is hereby requested.

Should it be determined that a deficiency exists for payment of fees due in connection with the filing of this Request, the Commissioner is authorized to charge the cost of any such additional fees to our Deposit Account No. 60-3614.

Respectfully submitted,

Dated: 5/17/2022

/ Jialin Zhong/
Jialin Zhong
Reg. No. 62,937
Phone: (908) 376-3104
Email: zhong@zhong-law.com

Electronic Acknowledgement Receipt	
EFS ID:	45729478
Application Number:	13451510
International Application Number:	
Confirmation Number:	2185
Title of Invention:	ACCESS CONTROLS FOR KNOWN CONTENT
First Named Inventor/Applicant Name:	Joseph Zipperer
Customer Number:	172615
Filer:	Jialin Zhong/Eddie Rowell
Filer Authorized By:	Jialin Zhong
Attorney Docket Number:	
Receipt Date:	17-MAY-2022
Filing Date:	19-APR-2012
Time Stamp:	12:26:01
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Certificate of Correction	Supplemental_Cert_of_Corr. pdf	29856	no	2
			05cd03d485c051565495561a832e70ef0fbf e9a7		

Warnings:

Information:	
Total Files Size (in bytes):	29856
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. <u>New Applications Under 35 U.S.C. 111</u> 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. <u>National Stage of an International Application under 35 U.S.C. 371</u> 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. <u>New International Application Filed with the USPTO as a Receiving Office</u> 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.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/451,510	04/19/2012	Joseph Zipperer		2185
172615	7590	06/28/2022		
Fabricant LLP 411 Theodore Fremd Road Suite 206 South Rye, NY 10580			EXAMINER HUNTER, MISHAWN N	
			ART UNIT 2484	PAPER NUMBER
			NOTIFICATION DATE 06/28/2022	DELIVERY MODE 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):

ip@remotedocket.com
ptab@fabricantllp.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.: 8949879
Issue Date: 02/03/2015
Appl. No.: 13/451,510
Filed: 04/19/2012

PART (A) RESPONSE FOR CERTIFICATES OF CORRECTION

This is a decision on the Certificate of Correction request filed 16 May 2022.

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 _____ 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.

/THAI Q TRAN/
Supervisory Patent Examiner, Art Unit 2484
Technology Center 2400
Phone: (571)272-7382

Certificates of Correction Branch email: CustomerServiceCoC@uspto.gov CoC Central Phone Number: (703) 756-1814

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 8,949,879 B2
APPLICATION NO. : 13/451510
DATED : February 3, 2015
INVENTOR(S) : Joseph Zipperer, Steven King and Valiant Seu

Page 1 of 1

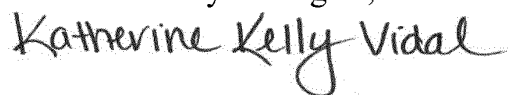
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Claims

Column 14,

Line 1, "two users" should read -- two viewers --

Line 4, "user and the personal identification number of the first user is" should read -- viewer and the personal identification number of the first viewer is --

Signed and Sealed this
Thirtieth Day of August, 2022


Katherine Kelly Vidal
Director of the United States Patent and Trademark Office

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
--	---

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas, Marshall Division on the following

☐ Trademarks or ☒ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO. 2:23-cv-00643	DATE FILED 12/29/2023	U.S. DISTRICT COURT for the Eastern District of Texas, Marshall Division
PLAINTIFF Truesight Communications LLC		DEFENDANT Samsung Electronics Co., Ltd. and Samsung Electronics America, Inc.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 8,949,879	2/3/2015	Truesight Communications LLC
2 8,898,803	11/25/2014	Truesight Communications LLC
3 9,595,300	3/14/2017	Truesight Communications LLC
4 8,745,749	6/3/2014	Truesight Communications LLC
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT		
CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
---	---

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas, Marshall Division on the following

☐ Trademarks or ☒ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO. 2:24-cv-00031	DATE FILED 1/22/2024	U.S. DISTRICT COURT for the Eastern District of Texas, Marshall Division
PLAINTIFF Truesight Communications LLC		DEFENDANT Lenovo Group Limited
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 8,949,879	2/3/2015	Truesight Communications LLC
2 8,898,803	11/25/2014	Truesight Communications LLC
3 9,595,300	3/14/2017	Truesight Communications LLC
4 8,745,749	6/3/2014	Truesight Communications LLC
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT		
CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy