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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	26629-17392
	Application Number	
Title of Invention	CONTEXTUAL CHAPTER NAVIGATION	

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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
	Todd	E.	Duffin	

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

City	Bellevue	State/Province	WA	Country of Residence i	US

Citizenship under 37 CFR 1.41(b) i: US

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Address 2	1201 3rd Ave., Suite 1000		
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Postal Code	98101	Country i	US

Applicant 2 Remove

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
	Todd	R.	Malsbary	

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

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Citizenship under 37 CFR 1.41(b) i: US

Mailing Address of Applicant:

Address 1	c/o MOD Systems Incorporated		
Address 2	1201 3rd Ave., Suite 1000		
City	Seattle	State/Province	WA
Postal Code	98101	Country i	US

Applicant 3 Remove

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
	Mark	E.	Phillips	

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

City	Seattle	State/Province	WA	Country of Residence i	US

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Mailing Address of Applicant:			
Address 1	c/o MOD Systems Incorporated		
Address 2	1201 3rd Ave., Suite 1000		
City	Seattle	**State/Province**	WA
Postal Code	98101	**Country** [i]	US

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

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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	00758		
Email Address	rpatel@fenwick.com	Add Email	Remove Email

Application Information:

Title of the Invention	CONTEXTUAL CHAPTER NAVIGATION		
Attorney Docket Number	26629-17392	**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)	8	**Suggested Figure for Publication (if any)**	

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.

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Customer Number	00758

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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		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
herewith	non provisional of	61253792	2009-10-21

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Application Number	Country [i]	Parent Filing Date (YYYY-MM-DD)	Priority Claimed
			◉ Yes ○ No

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Assignee 1 Remove

If the Assignee is an Organization check here. ☒			
Organization Name	MOD Systems Incorporated		
Mailing Address Information:			
Address 1	1201 3rd Ave., Suite 1000		
Address 2			
City	Seattle	**State/Province**	WA
Country [i] US		Postal Code	98101
Phone Number		Fax Number	
Email Address			

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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.

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Signature	/Rajiv P. Patel/			Date (YYYY-MM-DD)	2010-10-18
First Name	Rajiv	Last Name	Patel	Registration Number	39327

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

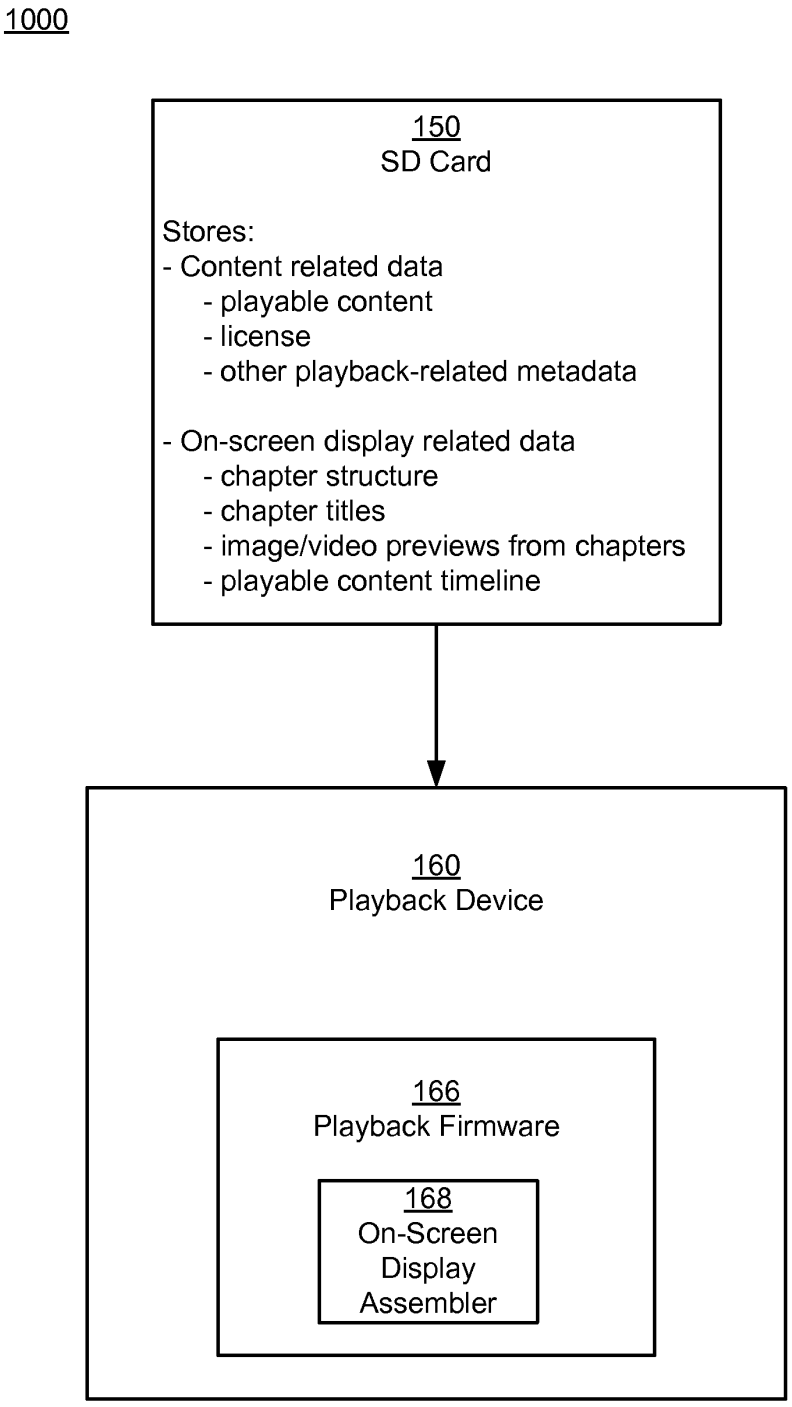

1000
150
SD Card
Stores:
- Content related data
- playable content
- license
- other playback-related metadata
- On-screen display related data
- chapter structure
- chapter titles
- image/video previews from chapters
- playable content timeline
160
Playback Device
166
Playback Firmware
168
On-Screen Display Assembler

FIG. 1A

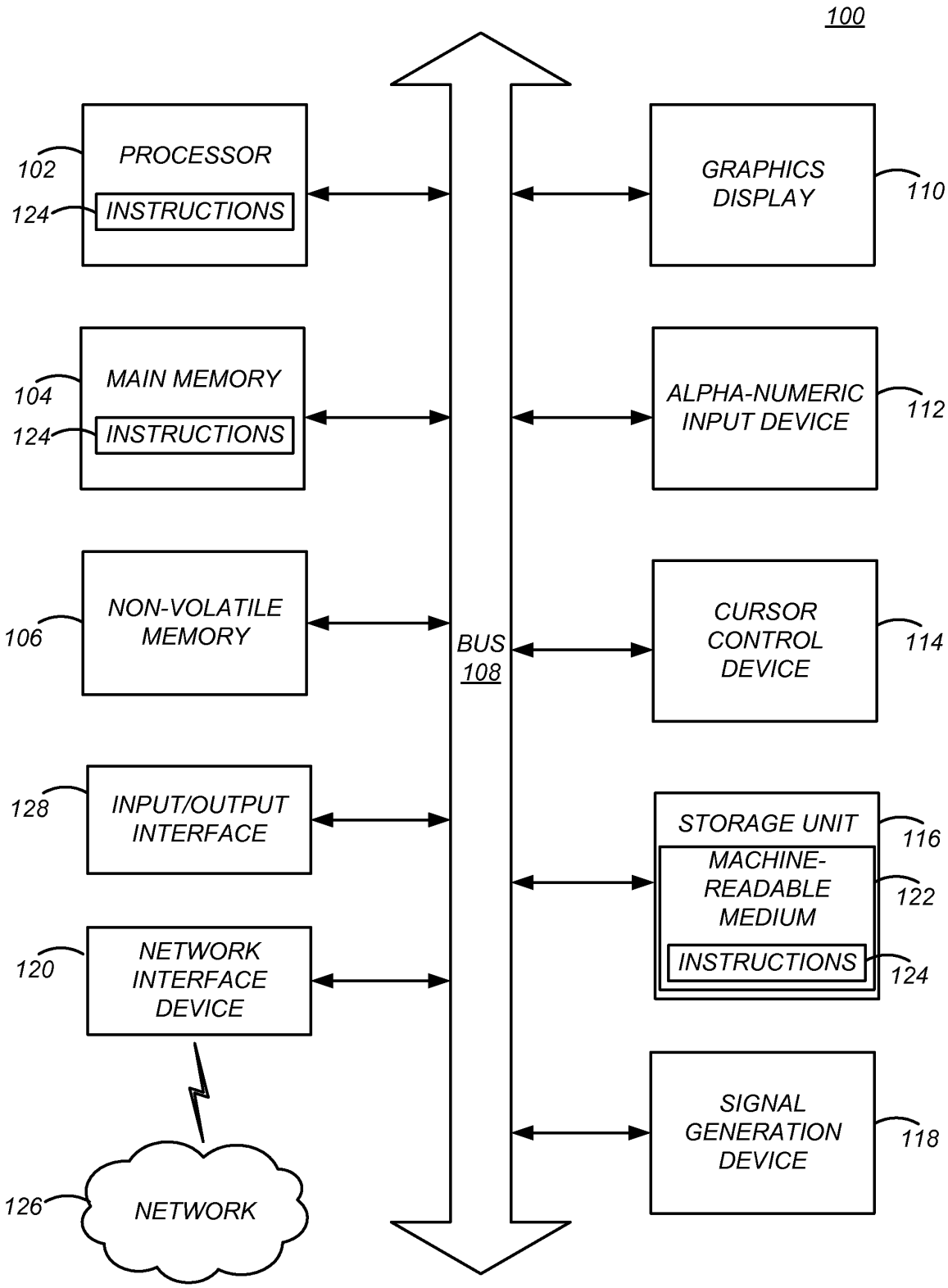

100
PROCESSOR
102
INSTRUCTIONS
124
MAIN MEMORY
104
INSTRUCTIONS
124
NON-VOLATILE MEMORY
106
INPUT/OUTPUT INTERFACE
128
NETWORK INTERFACE DEVICE
120
NETWORK
126
BUS
108
GRAPHICS DISPLAY
110
ALPHA-NUMERIC INPUT DEVICE
112
CURSOR CONTROL DEVICE
114
STORAGE UNIT
116
MACHINE-READABLE MEDIUM
122
INSTRUCTIONS
124
SIGNAL GENERATION DEVICE
118

FIG. 1B

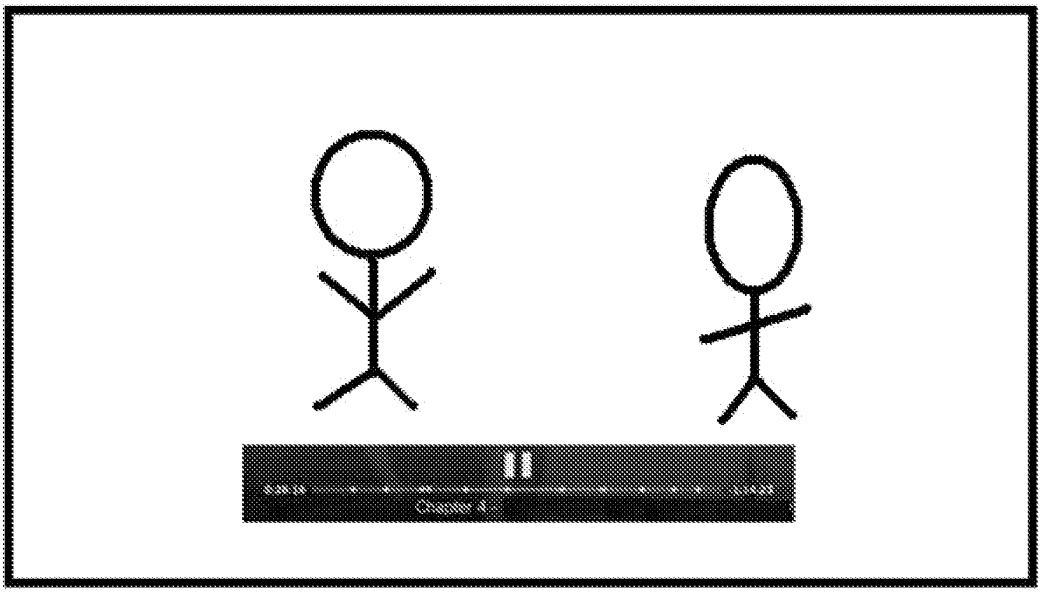

200

FIG. 2A

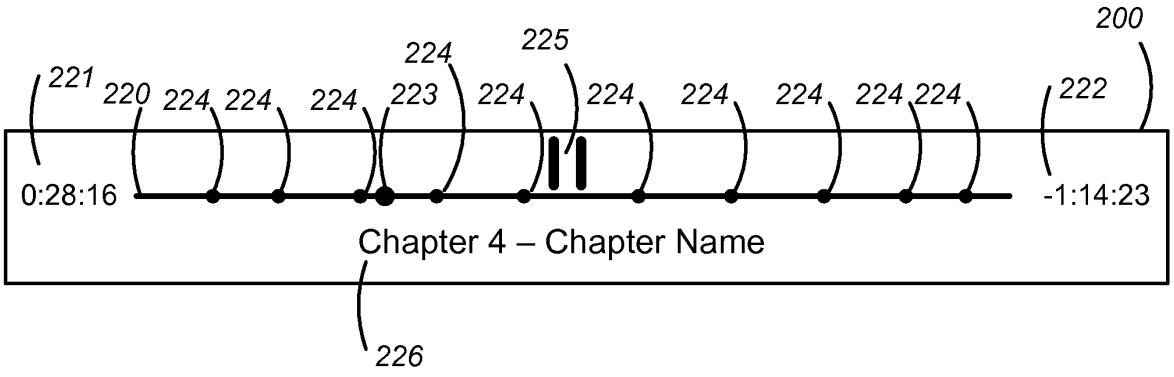

200
221
220
224
224
224
223
224
225
224
224
224
224
224
222
0:28:16
-1:14:23
Chapter 4 – Chapter Name
226

FIG. 2B

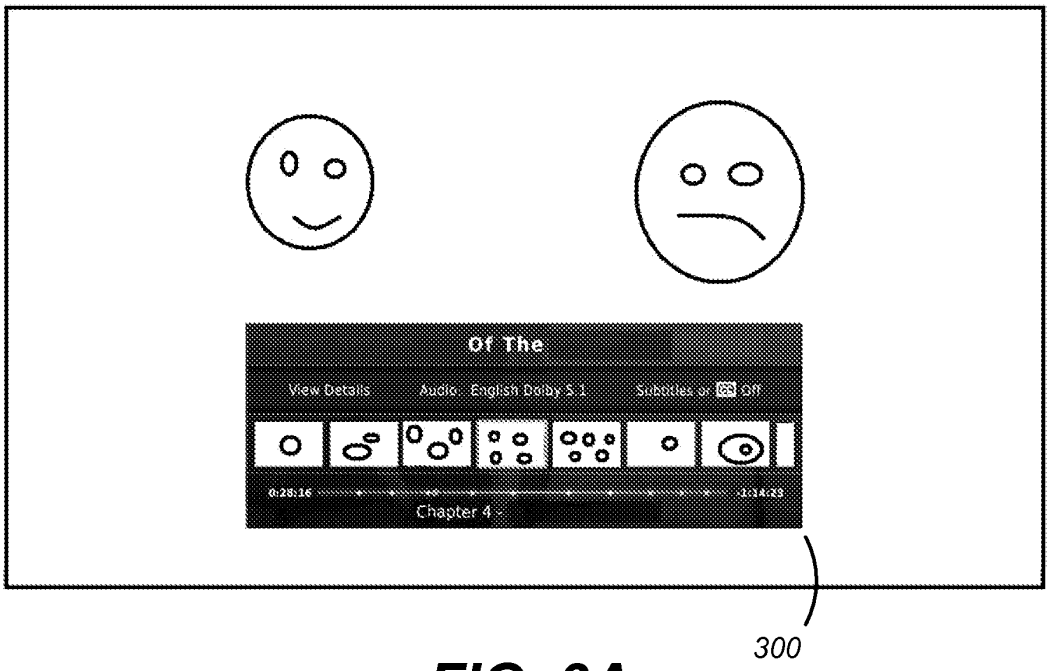

Of The
View Details
Audio: English Dolby 5.1
Subtitles or CC Off
0:28:16
-1:14:23
Chapter 4 -
300

FIG. 3A

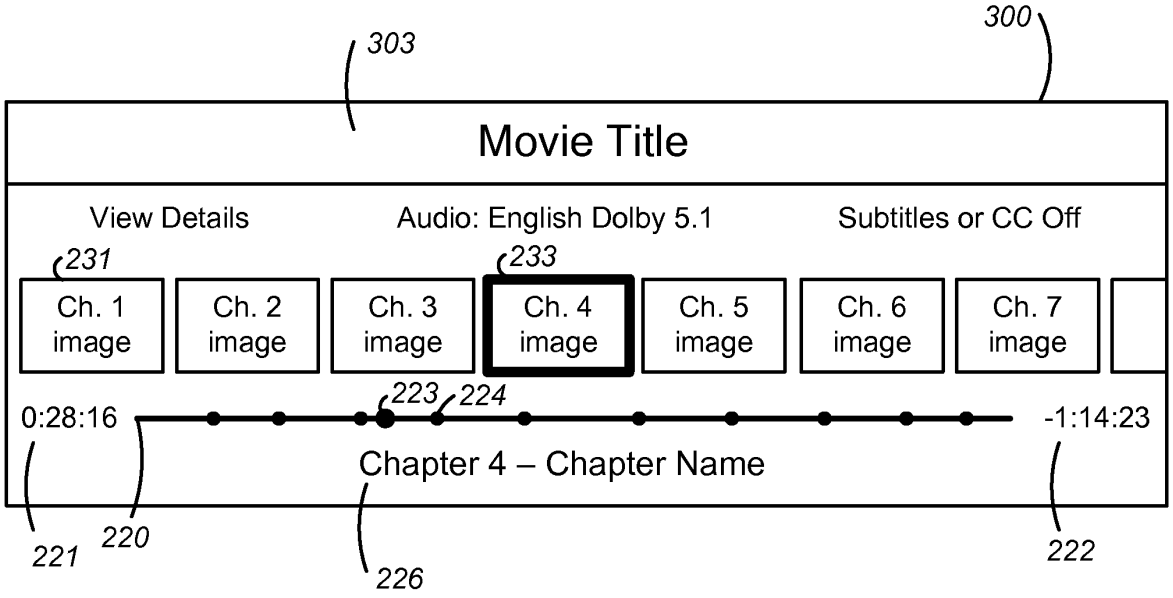

303
300
Movie Title
View Details
Audio: English Dolby 5.1
Subtitles or CC Off
231
233
Ch. 1 image
Ch. 2 image
Ch. 3 image
Ch. 4 image
Ch. 5 image
Ch. 6 image
Ch. 7 image
223
224
0:28:16
-1:14:23
Chapter 4 – Chapter Name
221
220
226
222

FIG. 3B

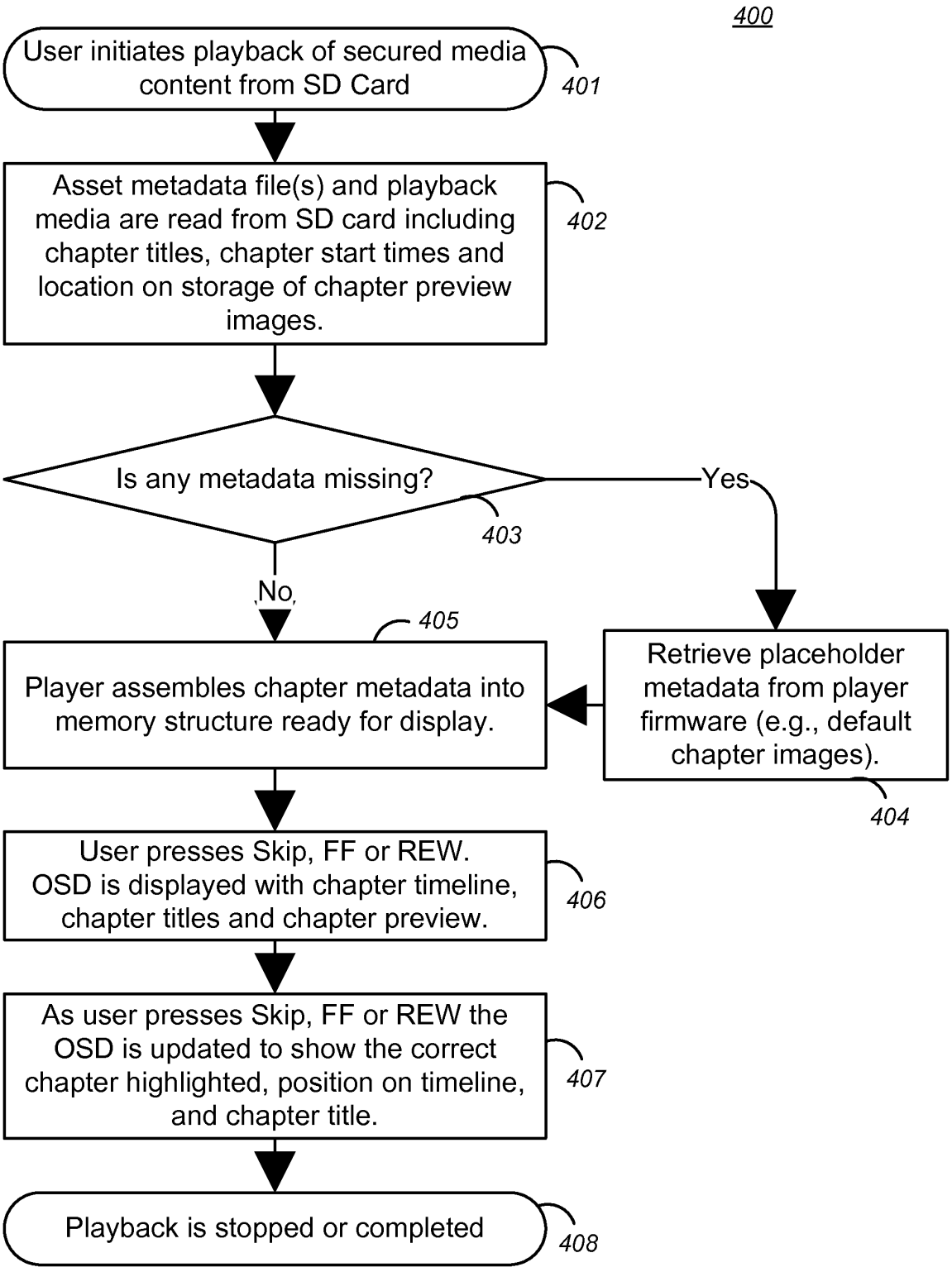

400
User initiates playback of secured media content from SD Card
401
Asset metadata file(s) and playback media are read from SD card including chapter titles, chapter start times and location on storage of chapter preview images.
402
Is any metadata missing?
403
Yes
No
405
Player assembles chapter metadata into memory structure ready for display.
Retrieve placeholder metadata from player firmware (e.g., default chapter images).
404
User presses Skip, FF or REW. OSD is displayed with chapter timeline, chapter titles and chapter preview.
406
As user presses Skip, FF or REW the OSD is updated to show the correct chapter highlighted, position on timeline, and chapter title.
407
Playback is stopped or completed
408

FIG. 4

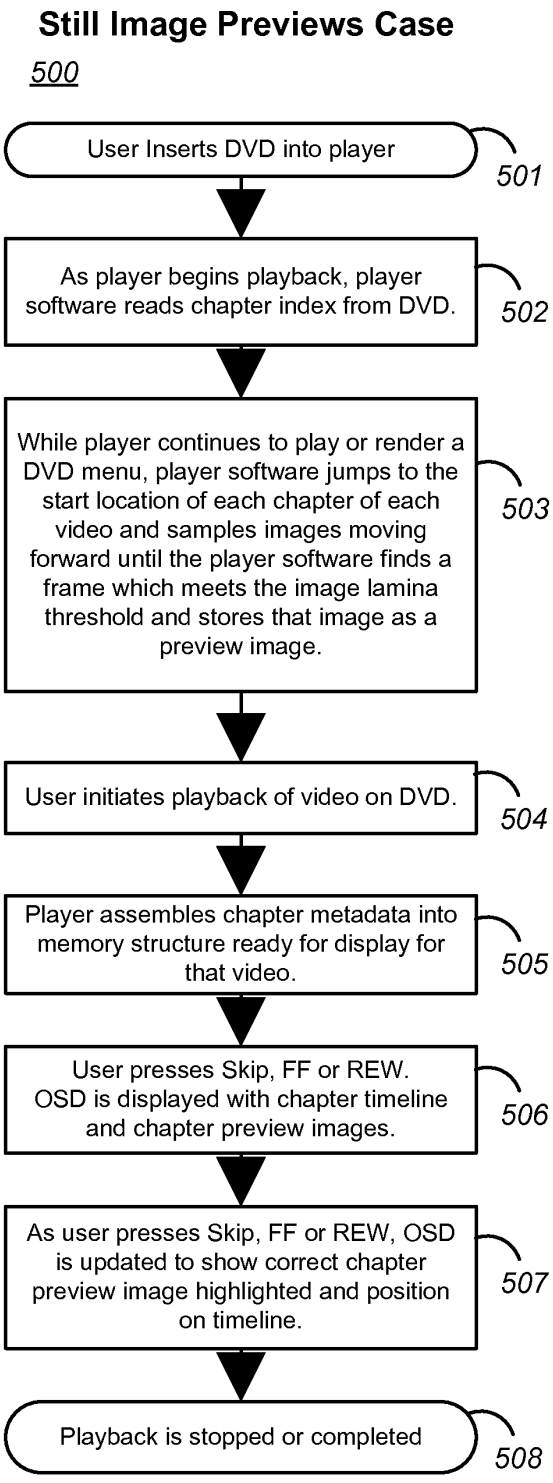

Still Image Previews Case
500
User Inserts DVD into player
501
As player begins playback, player software reads chapter index from DVD.
502
While player continues to play or render a DVD menu, player software jumps to the start location of each chapter of each video and samples images moving forward until the player software finds a frame which meets the image lamina threshold and stores that image as a preview image.
503
User initiates playback of video on DVD.
504
Player assembles chapter metadata into memory structure ready for display for that video.
505
User presses Skip, FF or REW. OSD is displayed with chapter timeline and chapter preview images.
506
As user presses Skip, FF or REW, OSD is updated to show correct chapter preview image highlighted and position on timeline.
507
Playback is stopped or completed
508

FIG. 5

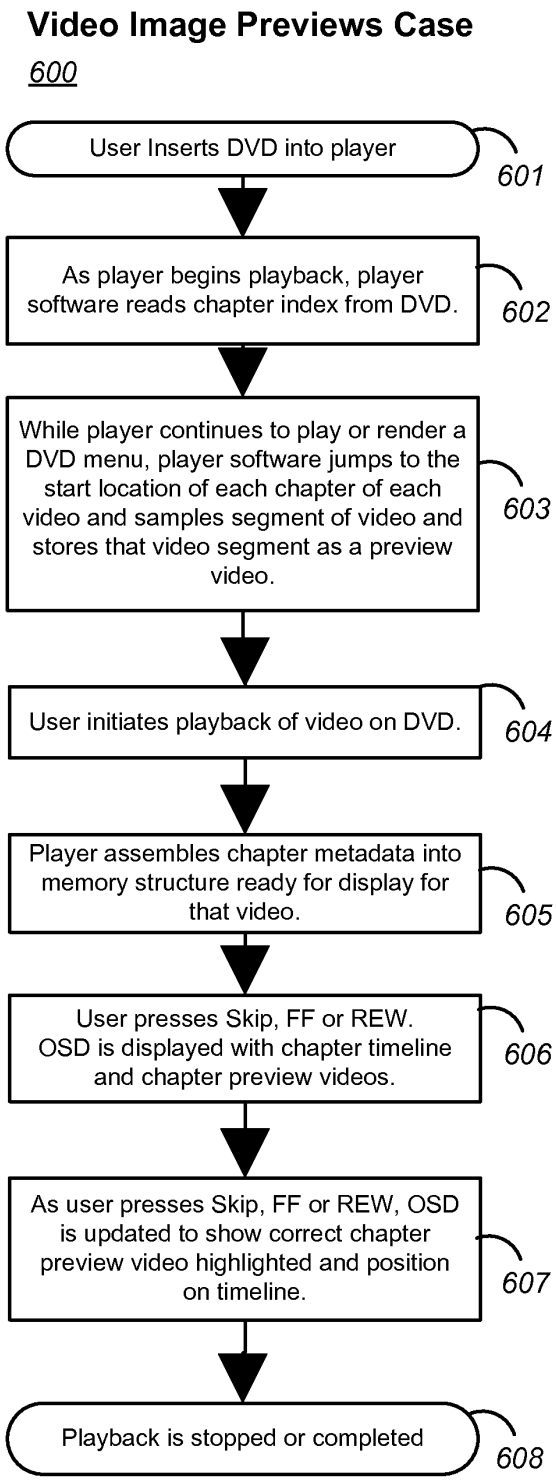

Video Image Previews Case
600
User Inserts DVD into player
601
As player begins playback, player software reads chapter index from DVD.
602
While player continues to play or render a DVD menu, player software jumps to the start location of each chapter of each video and samples segment of video and stores that video segment as a preview video.
603
User initiates playback of video on DVD.
604
Player assembles chapter metadata into memory structure ready for display for that video.
605
User presses Skip, FF or REW. OSD is displayed with chapter timeline and chapter preview videos.
606
As user presses Skip, FF or REW, OSD is updated to show correct chapter preview video highlighted and position on timeline.
607
Playback is stopped or completed
608

FIG. 6

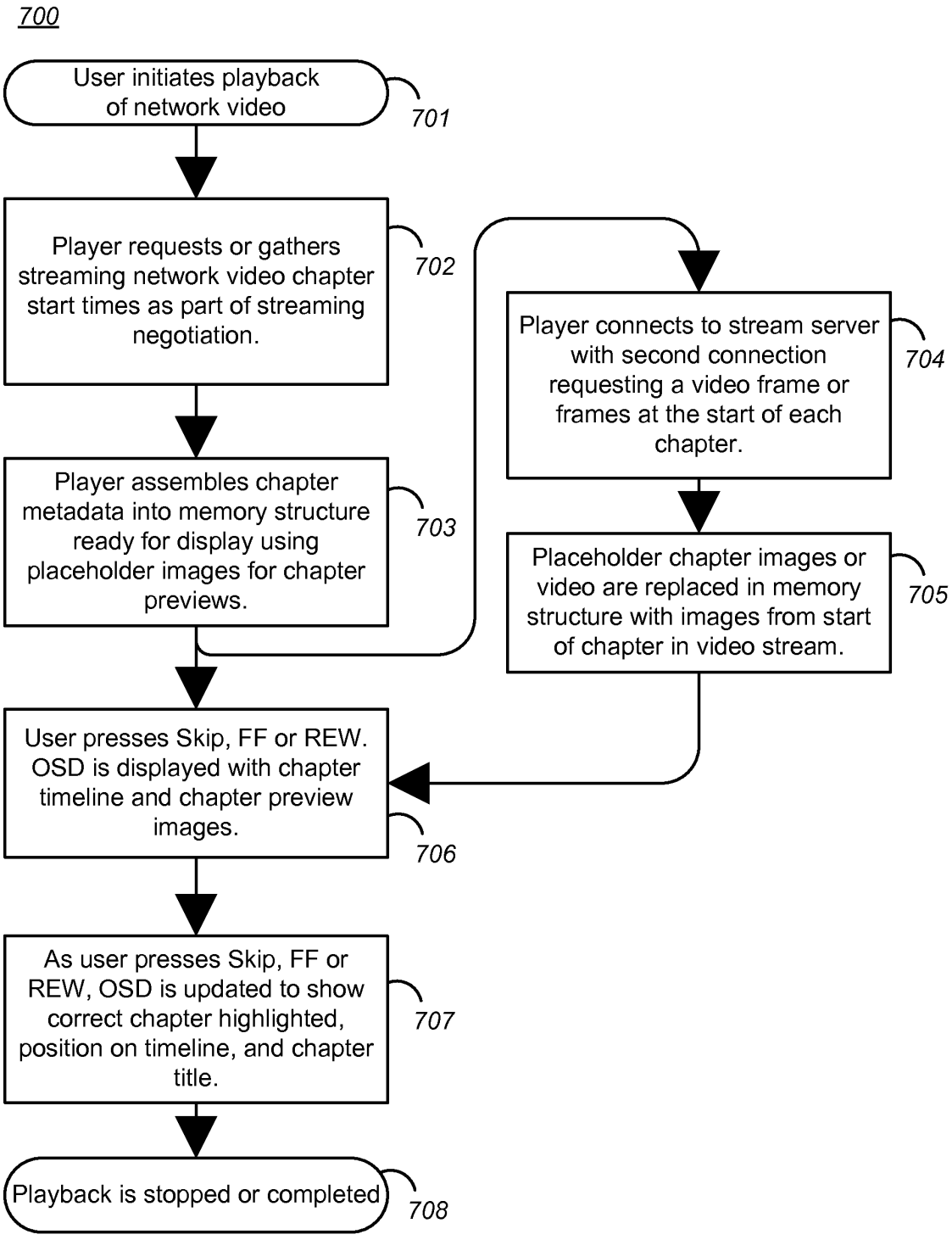

700
User initiates playback of network video
701
Player requests or gathers streaming network video chapter start times as part of streaming negotiation.
702
Player assembles chapter metadata into memory structure ready for display using placeholder images for chapter previews.
703
Player connects to stream server with second connection requesting a video frame or frames at the start of each chapter.
704
Placeholder chapter images or video are replaced in memory structure with images from start of chapter in video stream.
705
User presses Skip, FF or REW. OSD is displayed with chapter timeline and chapter preview images.
706
As user presses Skip, FF or REW, OSD is updated to show correct chapter highlighted, position on timeline, and chapter title.
707
Playback is stopped or completed
708

FIG. 7

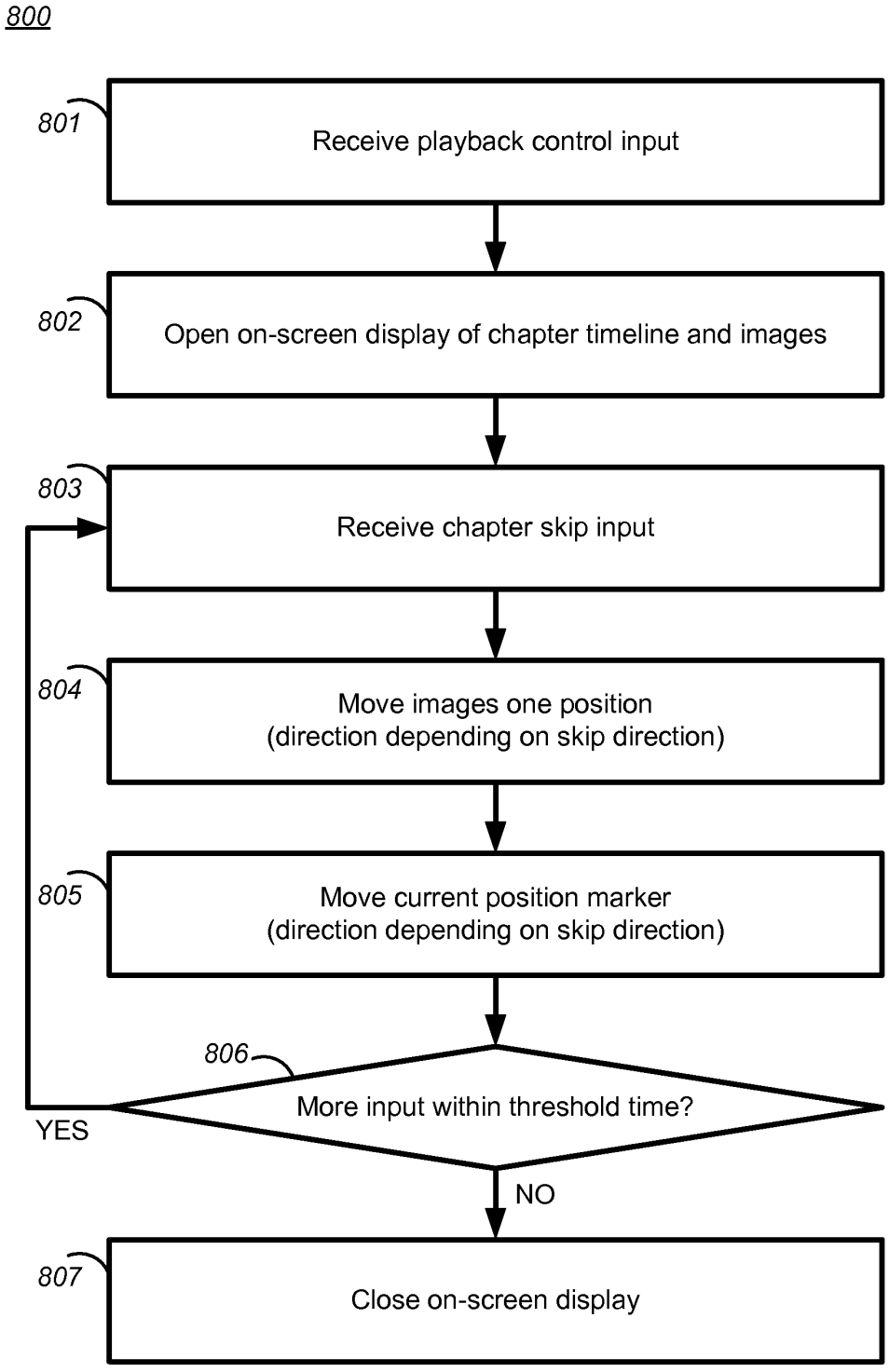

800
801
Receive playback control input
802
Open on-screen display of chapter timeline and images
803
Receive chapter skip input
804
Move images one position
(direction depending on skip direction)
805
Move current position marker
(direction depending on skip direction)
806
More input within threshold time?
YES
NO
807
Close on-screen display

FIG. 8

CONTEXTUAL CHAPTER NAVIGATION

INVENTORS:

TODD E. DUFFIN
TODD R. MALSBARY
MARK E. PHILLIPS

CROSS REFERENCE TO RELATED APPLICATIONS

[0001] This application claims the benefit of U.S. Provisional Application No. 61/253,792, filed October 21, 2009, titled "Contextual Chapter Navigation," the contents of which is incorporated by reference in its entirety.

BACKGROUND

1. FIELD OF ART

[0002] The disclosure generally relates to the field of navigating the playback of digital content.

2. DESCRIPTION OF ART

[0003] Many full-length DVDs storing playable content organize the content into discrete chapters to improve a user's ability to navigate to desired content. An interface of most DVD players allows a user to navigate to a selected chapter, for example by selecting a preview image or a chapter title from a DVD menu, in order to begin viewing the DVD content from that chapter. Further, modern DVD players commonly have a chapter skip feature that when selected by the user while the DVD is playing, for example by depressing a corresponding button on the DVD player remote control, causes the playback of the DVD to skip forward to the next chapter delineation in the DVD content. Similarly, depressing a backward chapter skip button on the DVD player remote control causes the playback of the DVD to skip backward to the previous chapter delineation in the DVD content.

BRIEF DESCRIPTION OF DRAWINGS

[0004] The disclosed embodiments have other advantages and features which will be more readily apparent from the detailed description, the appended claims, and the accompanying figures (or drawings). A brief introduction of the figures is below.

[0005] Figure (FIG.) 1A is an example system architecture for navigating a contextual chapter selection, in accordance with an embodiment.

[0006] FIG. 1B illustrates one embodiment of components of an example machine able to read instructions from a machine-readable medium and execute them in a processor (or controller), for example as a device capable of playing back content stored on a flash memory card.

[0007] FIG. 2A illustrates an example screen image illustrating a user interface for navigating within the playback of a video, in accordance with an embodiment.

[0008] FIG. 2B illustrates the chapter timeline of the example screen image of FIG. 2A.

[0009] FIG. 3A illustrates an example screen image of a user interface for navigating a contextual chapter selection, in accordance with an embodiment.

[0010] FIG. 3B illustrates the chapter timeline and chapter images of the example screen image of FIG. 3A.

[0011] FIG. 4 illustrates an example method of displaying chapter images using GreenPlay content, in accordance with an embodiment.

[0012] FIG. 5 illustrates an example method of displaying still image previews from a DVD, in accordance with an embodiment.

[0013] FIG. 6 illustrates an example method of displaying video image previews from a DVD, in accordance with an embodiment.

[0014] FIG. 7 illustrates an example method of displaying chapter preview images from a network video, in accordance with an embodiment.

[0015] FIG. 8 an example method of navigating a contextual chapter selection, in accordance with an embodiment.

DETAILED DESCRIPTION

[0016] The Figures (FIGS.) and the following description relate to preferred embodiments by way of illustration only. It should be noted that from the following discussion, alternative embodiments of the structures 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 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 and methods illustrated herein may be employed without departing from the principles described herein.

CONFIGURATION OVERVIEW AND SYSTEM ARCHITECTURE

[0018] One embodiment of a disclosed system, method and computer readable storage medium includes an on-screen display that indicates to the user the current point in the playback of the video within the context of the chapter delineations. In one implementation, during a playback (e.g., play) of content from, for example, a secure digital (SD) card, the user can access a chapter selection feature that presents a preview image from each chapter of a video along with a timeline representing the video, and an indication on the timeline of where the chapters fall along the timeline. This provides an improved, intuitive navigation by the user among the chapters of a video. It is noted that the playback can continue on screen while the chapter selection feature displays in a foreground. It is noted that the structural characteristics of the SD card (e.g., form factor, pin connections) are defined through the SD Card Association

[0019] In one embodiment, the user's current position in the playback may also be shown on the timeline. This provides a further point of reference to visually orient the user to the relative position of the chapters in the video.

[0020] In another embodiment, video previews replace the preview images as representing each chapter. A video preview comprises a video sequence of predetermined time period (e.g.,

anywhere from 1 second to the length of the chapter) from a corresponding chapter. In one embodiment, each chapter may include a video preview that plays within a frame (e.g., a defined small frame border such as a box or circle). In another embodiment, still images from chapters are shown and a video preview is activated when a pointer or a selection box is placed on the still image representing the chapter. The user can select a chapter in which to resume playing the video by selecting one of the video previews.

[0021] FIG. 1A is an example system architecture 1000 for navigating a contextual chapter selection, in accordance with an embodiment. The example system architecture 1000 includes an SD card 150, as an example of a media storage device, and a playback device 160. In one embodiment, the SD card 150 is a flash memory device having flash memory storage and corresponding controller for use with access to the flash memory and its contents.

[0022] The media storage device 150 may be structured in two components. A first component corresponds to content related data. The content related data includes the playable content (e.g., movie itself, for example as an MPEG-4 media file) and the corresponding files such as a license file, and any playback related metadata such as language selection, close captioning or subtitles. A second component corresponds to on-screen display related data. The on-screen display can be presented as an overlay on the playable content, as will be shown and described with reference to FIGS. 2A-4. The on-screen display related data can include the chapter structure for the playable content, the chapter titles and any accompanying text, and the preview images (including still or moving images within the frames), along with the timeline of the playable content.

[0023] The playback device 160 receives the SD card into an SD card slot. Playback firmware 166 can read the data from the SD card and can cause the playback device 160 to play the playable content in accordance with the associated license terms stored on the SD card 150. The playback firmware 166 also includes an on-screen display assembler 168 that assembles the chapter structure, the chapter titles, the image/video previews, and the playable content timeline into an on-screen display that will be shown and described with reference to FIGS. 2A-3B. It is noted that the playback firmware 166 includes a playback application to play back the contents of the SD card. However, in alternate embodiments, the playback application can be separately added to a system that does not have firmware with the playback application integrated. For ease

of discussion reference herein is made to playback firmware 166 having a playback application, but it should be understood that the principles described herein would apply to a playback application that may be added to a playback firmware initially lacking an integrated playback application.

[0024] In one embodiment, during playback of the playable content, the playback device 160 determines if an instruction has been triggered corresponding to the on-screen display, e.g., a selection on a remote control for chapter information sends an interrupt signal to the playback device 160 that is translated to recall the on-screen display. Depending on a configuration selection, the playback is either paused or continued while the on-screen display overlays on top of the playback and includes timeline and/or chapter interfaces as shown and described in FIGS. 2A-3B. For configurations that have preview images from the chapters, the on-screen display assembler retrieves preview image files from the SD card 150. For those configurations having video previews, the on-screen display assembler 168 retrieves the video preview files (e.g., an .avi or animated gif file) from the SD card 150.

[0025] FIG. 1B is a block diagram illustrating components of an example machine, for use for example as a playback device 160, able to read instructions from a machine-readable medium and execute them in a processor (or controller). Specifically, FIG. 1B shows a diagrammatic representation of a machine in the example form of a playback computer 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 alternative 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.

[0026] The machine may be a computer or any machine capable of executing instructions 124 (sequential or otherwise) that specify actions to be taken by that machine. Further, while only a single machine is illustrated, the term "machine" shall also be taken to include any collection of machines that individually or jointly execute instructions 124 to perform any one or more of the methodologies discussed herein.

[0027] The example playback computer 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 non-volatile memory 106, which are configured to communicate with each other via a bus 108. The computer 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 playback computer system 100 may also include an alphanumeric or button structural components 112 (e.g., for a keyboard or keypad), a cursor control structural components 114 (e.g., for a mouse, a trackball, a joystick, a motion sensor, a remote control, or other pointing instrument), a storage unit 116, a signal generation structural components 118 (e.g., for a speaker), an input/output (I/O) interface 128 and a network interface device 820, which also are configured to communicate via the bus 108. It is noted that the I/O interface 128 includes a structure to interface with a flash media storage device. For example, the I/O interface 128 may include a universal serial bus (USB) interface to couple (physically and/or communicatively) with a USB configured flash memory drive. Alternately, or in addition, the I/O interface 128 may include an SD reader to communicatively couple with an SD card.

[0028] The storage unit 116 includes a machine-readable medium 122 on which is 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 computer 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.

[0029] 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.

PLAYBACK NAVIGATION

[0030] In one embodiment, a user may play a movie stored on an SD card through the playback computer system 100. The movie stored on the SD card includes metadata. The metadata includes data corresponding to menu items corresponding to the movie (e.g., play, set up, special features, and chapter navigation). As the user selects to play the movie (e.g., through selection of play among the menu, the user may seek to find what is in subsequent chapters or what was in prior chapters. Moreover, the user may seek to have control over whether to continue to watch the movie or pause, while a timeline and/or chapter details are available in the foreground.

[0031] FIG. 2A illustrates an example screen image illustrating a user interface for navigating within the playback of a video, in accordance with one embodiment. In this example, when a user presses a playback control during playback of the video, e.g., pause, fast forward, rewind, chapter skip, etc., an on-screen display 200 is presented to the user. FIG. 2B illustrates a blown up version of the on-screen display 200 of FIG. 2A. The on-screen display includes an indication of or symbol representing the status 225 of the playback. In this example, the video has been paused. The on-screen display also includes a timeline 220. The elapsed time 221 from the beginning of the video is shown to the left of the timeline 220 and the time remaining 222 until the end of the video is shown to the right of the timeline 220. These numbers 221 and 222 are updated as the current position in the video playback is altered. The timeline 220 also includes demarcations of the beginning of chapters 224 of the video spaced proportionately along the timeline 220 to correspond to the times the chapters 224 begin. In one embodiment, the timeline also includes a marker 223 to indicate the current position within the video playback. As a user presses playback controls, e.g., fast forward, rewind, chapter skip, etc., the marker 223 indicating the current position within the video playback moves accordingly. In one implementation, the chapter title 226 corresponding to the current position within the video playback is also displayed. As the user presses playback controls that cause the current position

within the video playback to move between chapters, the chapter title 226 updates accordingly.

[0032] FIG. 3A illustrates an example screen image of a user interface for navigating a contextual chapter selection, in accordance with one embodiment. In this example, when a user presses a playback control, for example a chapter skip button, the on-screen display 300 is presented to the user. Similar to the example shown in FIGS. 2A and 2B, the on-screen display 300 includes a chapter timeline 200 having demarcations of the beginnings of chapters 224, and a marker 223 to indicate the current position within the video playback. Also similar to the example of FIGS. 2A and 2B, the elapsed time 221 from the beginning of the video is shown to the left of the timeline 220 and the time remaining 222 until the end of the video is shown to the right of the timeline 220. The title of the current chapter 226 can be displayed below the timeline 220.

[0033] FIG. 3B illustrates an enlarged version of the on-screen display 300 showing the chapter timeline 220 and chapter images 231, of the example screen image of FIG. 3A. In one embodiment, an image from each chapter represents that chapter in a line of chapter images that visually represents the sequence of chapters within the video in order. In one embodiment, the chapter timeline 220 and the chapter images 231 are displayed on different parts of the screen. For example, the chapter images may be across the top of the screen and the time line may be across the bottom of the screen. In one variation, the timeline and chapter images 231 are presented vertically within the on-screen display, rather than horizontally as shown in FIG. 3B. Whether displayed vertically or horizontally, the line of chapter images 231 operates as a visual queue for the user, to assist in navigating to the playback of particular video portions. In some cases, a chapter image 231 is from an opening sequence of the chapter, whereas in other cases, the chapter image 231 is from a distinctive, memorable, or representative scene from the content of the chapter. An outline frame 233, or any other focus identifier, highlights the chapter image for the chapter corresponding to the current position within the video playback. In one implementation, the outline frame 233 remains in the middle of on-screen display 300, and the chapter images 231 slide to the left and right behind the outline frame 233 that highlights the current chapter. For example, when a user selects to skip forward by a chapter from the current position shown in FIG. 3B, the chapter images 231 each slide one position to the left, so that the chapter 5 image is behind the outline frame 233, the chapter 4 image is immediately to the left of

the frame, and so forth. Concurrently, in one embodiment, the current position marker 223 skips forward (i.e., to the right) to the next beginning of chapter demarcation 224 along the timeline 220, in this case, representing chapter 5.

[0034] In one embodiment, the on-screen display 300 can be accessed by the user while the video continues to play in the background. As time elapses in the video playback, elements 221, 222, 223, and the chapter image within frame 233 update accordingly. In another embodiment, accessing the on-screen display 300 automatically pauses the playback of the video while the user makes a selection to navigate between chapters. In one implementation, when a chapter skip button is pushed the first time, the on-screen display 300 is presented and the playback is instantly skipped to the next chapter. In another implementation, when the chapter skip button is pushed, the on-screen display 300 is presented, but the playback is only skipped based on subsequent presses of the chapter skip button. In another variation, subsequent presses of the chapter skip button after the on-screen display is presented causes the chapter images 231 to slide to the left or right so that a new chapter image appears within the frame 233, but the current location marker 233 does not change position until the user confirms the selection, for example by pressing "enter." Then, the playback jumps to the beginning of the chapter represented by the chapter image within the frame 233, and the on-screen display 300 closes. In one embodiment, the on-screen display closes after a preconfigured wait time, for example 5 to 10 seconds, although shorter or longer times can also be used.

[0035] In another embodiment, the chapter images 231 that represent each chapter are replaced by a sequence of images from the chapter, for example, a short video segment. Each of the short video segments can contain a few seconds of video from a corresponding chapter, for example 5 to 10 seconds in length. Shorter or longer segments can also be used. The video segment can be from the beginning of the chapter or from a segment within the chapter, for example, a distinctive, memorable, or representative segment from the content of the chapter.

[0036] In another embodiment, only some of the chapter images 231 that represent each chapter are replaced by a short video preview. Thus, a mix of still images and video previews can be used to visually represent the sequence of chapters in the video. In one implementation, all of the chapter images 231 are still images except for the chapter image within the frame 233 which is substituted for a video preview. Thus, for example, when a user selects to skip forward

by a chapter from the current position shown in FIG. 3B, the chapter images 231 each slide one position to the left, so that the still image that used to represent chapter 5 is replaced by a video preview representing chapter 5 behind the outline frame 233, and the chapter 4 video preview is replaced by a still image from chapter 4 that appears immediately to the left of the frame 233, and so forth.

[0037] FIGS. 4-7 illustrate examples of implementations of methods of displaying chapter preview images or videos according to various embodiments adapted to be used for videos from a variety of sources. FIGS. 4-7 are merely several example implementations, and many others exist within the scope and spirit of the invention as described herein.

[0038] FIG. 4 illustrates an example method 400 of displaying chapter images using a playback media configuration in accordance with an embodiment. The playback media configuration may include processor (or controller) readable instructions to enable playback of secured media content on a playback device 160. In step 401, the user initiates playback of secured media content from an SD card. For example, the user may insert an SD card 150 loaded with secured media content into the playback device 160. In step 402, metadata is read from files stored separately from the video file. Metadata and video files are matched using a GUI stored in the video file with same GUID contained in the metadata file structures. A video file is also referred to herein as an "asset". The metadata file includes chapter titles, chapter start times, and the location on the SD card of chapter preview images that correspond to the playable content. Then, in step 403, it is determined whether any metadata is missing from the playback metadata files. If metadata file(s) is missing, then in step 404, placeholder metadata from the playback firmware 166 is retrieved. In one example, the placeholder metadata includes default chapter images to use in place of any chapter image that is missing from the metadata in the playback media (GP.GPV) file.

[0039] In step 405, the player (in one embodiment, the on-screen display assembler 168 of the playback firmware 166 on the playback device 160) assembles the chapter metadata into a memory structure read for display. The chapter metadata may include, for example, placeholder metadata from the player firmware 166 if metadata was missing in step 403.

[0040] In step 406, the user presses a control key such as skip, fast forward, or rewind. When the control key is pressed, an on-screen display is displayed. As described with reference

to FIGS. 3A and 3B, the on-screen display can include a chapter timeline, chapter titles, and chapter preview images. In step 407, as the user presses a control key such as skip, fast forward, or rewind, the on-screen display updates to show the correct chapter highlighted, the position on the timeline, and the chapter title. Thus, the user can contextually navigate between chapters of the video playback, until the method 400 concludes when the video playback is stopped or completed 408.

[0041] FIG. 5 illustrates an example method 500 of displaying still image previews from a DVD, in accordance with an embodiment. In step 501, the user inserts a DVD into a player. In step 50, as the player begins playback, the player software reads the chapter index from the DVD. In one embodiment, the chapter index includes the chapter start location on the DVD for each chapter of each video on the DVD.

[0042] Thus, in step 503, while the player continues to play or render a DVD menu, the player software jumps to the start location of each chapter of each video on the DVD and samples images moving forward until the player software finds a frame which meets the image lamina threshold and stores that image as a preview image. In one embodiment, the image lamina threshold is set so as to avoid a black or blank frame or to avoid storing an image as a preview image that is from the beginning of a sequence of images that are part of a fade-in sequence.

[0043] In step 504, the user initiates the playback of the video on the DVD, for example by pressing play. In step 505, the player assembles chapter metadata, including the chapter preview images, into a memory structure ready for display for that video. Then, in step 506, when the user presses a control such as skip, fast forward, or rewind, the on-screen display is displayed with the chapter timeline, an the chapter preview images. In step 507, as the user presses a control such as skip, fast forward, or rewind, the on-screen display is updated to show the correct chapter preview image highlighted and the position on the timeline. Thus, the user can contextually navigate between chapters of the video playback, until the method 500 concludes when the video playback is stopped or completed 508.

[0044] FIG. 6 illustrates an example method 600 of displaying video image previews from a DVD, in accordance with an embodiment. Steps 501-508 correspond to steps 601-608. However, at steps 603, 606 and 607, the method 600 diverges from the method 500 to

accommodate the differences between the video image preview case as compared to the still image preview case. In step 603, while the player continues to play or render a DVD menu, the player software jumps to the start location of each chapter of each video and samples a segment of video and stores that video segment as a preview video for the corresponding chapter. Accordingly, the step 606, the on-screen display is displayed with the chapter timeline and the chapter preview videos. Then, in step 607, as the user presses a control such as skip, fast forward, or rewind, the on-screen display is updated to show the correct chapter preview video highlighted and the position on the timeline. The process can be triggered until playback is stopped or completed 608.

[0045] FIG. 7 illustrates an example method 700 of displaying chapter preview images from a network video, in accordance with an embodiment. In step 701, the user initiates playback of the network video 701. In step 702, the player requests or gathers streaming network video chapter start times as part of streaming negotiation. It is noted that some existing protocols already include this transfer of chapter-related data.

[0046] In step 703, the player assembles the chapter metadata into a memory structure ready for display using placeholder images for chapter previews. The placeholder images or video for the chapter previews can be used until the actual chapter preview images or video are available. In step 704, the player connects to the stream server with a second connection requesting a video frame or frames at the start of each chapter. Then, in step 705, the placeholder chapter images or video are replaced in the memory structure with images from the start of each chapter from the video stream.

[0047] Subsequently, in step 706, when the user presses a control such as skip, fast forward, or rewind, the on-screen display is displayed with the chapter timeline and the chapter preview images or video. In step 707, as the user presses a control such as skip, fast forward, or rewind, the on-screen display is updated to show the correct chapter preview image or video highlighted, the position on the timeline, and the chapter title. Thus, the user can contextually navigate between chapters of the network video playback, until the method 700 concludes when the network video playback is stopped or completed 708.

[0048] FIG. 8 an example method 800 of navigating a contextual chapter selection, in accordance with an embodiment. In step 801, a playback control input is received from the user.

For example, the user may select a button on a remote control of the playback device, such as a chapter skip button, that triggers the opening 802 of the on-screen display 300. The on-screen display 300 presents the chapter timeline 202 and the chapter images 231, video previews, or a mix of chapter images 231 and video previews, as described above. The user uses the chapter timeline 202 and the chapter images 231 to visually orient himself to where the user currently is within the playback, as shown by marker 223 compared to a desired chapter for viewing. The user can the, navigate between the chapters by selecting a chapter skip button to skip either forward or backward.

[0049] In step 803, the chapter skip input is received. The chapter skip input triggers both moving 804 the chapter images 231 and moving 805 the current position marker 223, both as described above with reference to FIGS. 3A-3B. The direction to move the chapter images 231 with respect to the frame 233 and the current position marker 223 with respect to the timeline 220 depends on whether the chapter skip direction from the received chapter skip input was forward or backward. If the chapter skip direction was forward, the chapter images 231 are moved one position to the left, and the current position marker 223 is moved to the right. If the chapter skip direction was backward, the chapter images 231 are moved one position to the right, and the current position marker 223 is moved to the left. As described above, the playback of the video is either immediately jumped to the indicated chapter, or jumped after the user confirms the chapter selection.

[0050] In step 806, it is determined whether more input is received within a threshold amount of time, for example 5 or 10 seconds. If more input is received, the method returns to step 403 in order to process further navigation of chapters within the on-screen display. If more input is not received, then the on-screen display is closed 807.

ADDITIONAL CONFIGURATION CONSIDERATIONS

[0051] Throughout this specification, plural instances may implement components, operations, or structures described as a single instance. Although individual operations of one or more methods, e.g., in FIGS. 4-8, 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 components. These and other variations, modifications, additions, and improvements fall within the scope of the subject matter herein.

[0052] Certain embodiments are described herein as including logic or a number of components, modules, or mechanisms, e.g., as described in FIGS. 1, 2, and 4-8. In example embodiments, one or more computer systems (e.g., a standalone, client or server computer system) or one or more modules of a computer system (e.g., processor 102 or a group of processors) may be configured by software (e.g., an application or application portion) as a module that operates to perform certain operations as described herein. The one or more processors 102 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)).

[0053] 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. Hardware modules can provide information to, and receive information from, other hardware modules. Accordingly, the described hardware modules may be regarded as being communicatively coupled. Where multiple of such hardware modules exist contemporaneously, communications may be achieved through signal transmission (e.g., over appropriate circuits and buses) that connect the hardware modules. In embodiments in which multiple hardware modules are configured or instantiated at different times, communications between such hardware modules may be achieved, for example, through the storage and retrieval of information in memory structures to which the multiple hardware modules have access. For example, one hardware module may perform an operation and store the output of that operation in a memory device to which it is communicatively coupled. A further hardware module may then, at a later time, access the memory device to retrieve and process the stored output. Hardware modules may also initiate communications with input or output devices, and can

operate on a resource (e.g., a collection of information).

[0054] 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 the processor 102 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.

[0055] The various operations of example methods, e.g., the methods of FIGS. 4-8, described herein may be performed, at least partially, by one or more processors 102 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.

[0056] 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.

[0057] 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.

[0058] As used herein references 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 the specification are not necessarily all referring to the same embodiment.

[0059] 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.

[0060] 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).

[0061] 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.

[0062] Upon reading this disclosure, those of skill in the art will appreciate still additional alternative structural and functional designs for a system and a process for contextual chapter navigation through the disclosed principles herein. Thus, while particular embodiments and applications have been illustrated and described, it is to be understood that the disclosed embodiments are not limited to the precise construction and components disclosed herein. Various modifications, changes and variations, which will be apparent to those skilled in the art, may be made in the arrangement, operation and details of the method and apparatus disclosed

herein without departing from the spirit and scope defined in the appended claims.

CLAIMS

What is claimed is:

1. A method for navigating a plurality of chapters within a video, the method comprising:

presenting, during playback of a video, an on-screen display to a user, the on-screen display including a timeline having a demarcation for a beginning of each of a plurality of chapter of the video and having a marker corresponding to a current position in the video playback, and the on-screen display including at least one image from each of the plurality of chapters displayed in order in a line, wherein a focus identifier marks an image of a chapter corresponding to the current position within the video playback;

receiving a chapter skip input;

moving the at least one image from each chapter one position along the line with respect to the focus identifier, according to the chapter skip input;

resuming playback of the video at a chapter identified by the focus identifier.

2. The method of claim 1, wherein the on-screen display includes a video preview from at least one of the plurality of chapters of the video that is displayed in order in the line with the rest of the at least one images from the rest of the plurality of chapters.

3. The method of claim 1, wherein the video comprises secured media content on a flash memory device.

4. The method of claim 3, further comprising:

initiating playback of the video from the flash memory device;

reading metadata from the flash memory device;

matching the read metadata from the flash memory device with the video; and

assembling the video and the metadata in a memory structure to retrieve for playback and display.

5. The method of claim 1, wherein the metadata comprises chapter titles, chapter start times and location on the flash memory device.

6. A computer readable medium storing instructions thereon, the instructions when executed cause at least one processor to:

present, during playback of a video, an on-screen display to a user, the on-screen display including a timeline having a demarcation for a beginning of each of a plurality of chapter of the video and having a marker corresponding to a current position in the video playback, and the on-screen display including one image from each of the plurality of chapters displayed in order in a line, wherein a focus identifier marks an image of a chapter corresponding to the current position within the video playback;

receive a chapter skip input;

move the at least one image from each chapter one position along the line with respect to the focus identifier, according to the chapter skip input;

resume playback of the video at a chapter identified by the focus identifier.

7. The computer readable computer medium of claim 6, wherein the on-screen display includes a video preview from at least one of the plurality of chapters of the video that is displayed in order in the line with the rest of the at least one images from the rest of the plurality of chapters.

8. The computer readable computer medium of claim 6, wherein the video comprises secured media content on a flash memory device.

9. The computer readable computer medium of claim 8, further comprising instructions that cause the at least one processor to:

initiate playback of the video from the flash memory device;

read metadata from the flash memory device;

match the read metadata from the flash memory device with the video; and

assemble the video and the metadata in a memory structure to retrieve for playback.

10. The computer readable computer medium of claim 6, wherein the metadata comprises chapter titles, chapter start times and location on the flash memory device.

11. An apparatus for navigating a plurality of chapters within a video, the apparatus comprising:

a video screen; and

a processor, the processor configured to execute:

a chapter presentation module, the chapter presentation module for presenting, during playback of a video, an on-screen display on the video screen, the on-screen display including a timeline having a demarcation for a beginning of each of a plurality of chapter of the video and having a marker corresponding to a current position in the video playback, and the on-screen display including at least one image from each of the plurality of chapters displayed in order in a line, wherein a focus identifier marks an

image of a chapter corresponding to the current position within the video playback,

a receive module for receiving a chapter skip input,

a move module for moving the at least one image from each chapter one position along the line with respect to the focus identifier, according to the chapter skip input, and

a resume module for resuming playback of the video at a chapter identified by the focus identifier.

12. The apparatus of claim 11, wherein the on-screen display includes a video preview from at least one of the plurality of chapters of the video that is displayed in order in the line with the rest of the at least one images from the rest of the plurality of chapters.

13. The apparatus of claim 11, further comprising a secured digital memory device interface, the secured digital memory device interface for receiving a secured media memory device having the video.

14. The apparatus of claim 13, wherein the processor is further configured to execute:

a playback module for initiating playback of the video from the secured digital memory device;

a reading module for reading metadata from the secured digital memory device;

a match module for matching the read metadata from the secured digital memory device with the video; and

an assembly module for assembling the video and the metadata in a memory structure to retrieve for playback and display.

15. The apparatus of claim 11, wherein the metadata comprises chapter titles, chapter start times and location on the flash memory device

ABSTRACT

A system and a method are disclosed for on-screen display that indicates to the user the current point in the playback of the video within the context of the chapter delineations. The user can access a chapter selection feature that presents a preview image from each chapter along with a timeline representing the video, and an indication on the timeline of where the chapters fall along the timeline. Alternatively, short video segments replace the still images as representing the chapters for some or all of the chapters. The user can select a chapter in which to resume playing the video by selecting one of the images or video segments.

Electronic Patent Application Fee Transmittal	
Application Number:	
Filing Date:	
Title of Invention:	CONTEXTUAL CHAPTER NAVIGATION
First Named Inventor/Applicant Name:	Todd E. Duffin
Filer:	Rajiv P. Patel/Alyona Eidinger
Attorney Docket Number:	26629-17392
Filed as Large Entity	

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Utility application filing	1011	1	330	330
Utility Search Fee	1111	1	540	540
Utility Examination Fee	1311	1	220	220
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				

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

Electronic Acknowledgement Receipt	
EFS ID:	8648078
Application Number:	12906941
International Application Number:	
Confirmation Number:	1064
Title of Invention:	CONTEXTUAL CHAPTER NAVIGATION
First Named Inventor/Applicant Name:	Todd E. Duffin
Customer Number:	00758
Filer:	Rajiv P. Patel
Filer Authorized By:	
Attorney Docket Number:	26629-17392
Receipt Date:	18-OCT-2010
Filing Date:	
Time Stamp:	19:58:58
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$1090
RAM confirmation Number	6259
Deposit Account	192555
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	17392_ads.pdf	1031707 4d68246f632edc28507eb982d0345f10e2b84fc7	no	5
Warnings:					
Information:					
2	Drawings-only black and white line drawings	17392_figures.pdf	294834 735a0b1d3842ad50cd8b0d4c3f8cbf9b550211da	no	8
Warnings:					
Information:					
3		17392_specification.pdf	129993 f599b57963f6a6ee1032e11bb56bee235e53b804	yes	23

Multipart Description/PDF files in .zip description

Document Description	Start	End
Specification	1	17
Claims	18	22
Abstract	23	23

Warnings:					
Information:					
4	Fee Worksheet (PTO-875)	fee-info.pdf	33047 f3f577101d4e90f7725c5cf6718ee7ac8c03be3c	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	1489581		

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.

SCORE Placeholder Sheet for IFW Content

Application Number: 12906941 Document Date: 10/18/2010

The presence of this form in the IFW record indicates that the following document type was received in electronic format on the date identified above. This content is stored in the SCORE database.

- Drawings – Other than Black and White Line Drawings

Since this was an electronic submission, there is no physical artifact folder, no artifact folder is recorded in PALM, and no paper documents or physical media exist. The TIFF images in the IFW record were created from the original documents that are stored in SCORE.

To access the documents in the SCORE database, refer to instructions developed by SIRA.

At the time of document entry (noted above):

- Examiners may access SCORE content via the eDAN interface.
- Other USPTO employees can bookmark the current SCORE URL (http://es/ScoreAccessWeb/).
- External customers may access SCORE content via the Public and Private PAIR interfaces.

Form Revision Date: February 8, 2006

PTO/SB/06 (12-04)

DATE **10/18/10**

Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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

PATENT APPLICATION FEE DETERMINATION RECORD
Substitute for Form PTO-875

Application or Docket Number
12/906,941

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE ($)	SMALL ENTITY FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY FEE ($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	330
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	540
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	220
TOTAL CLAIMS (37 CFR 1.16(i))	15 minus 20=		x$26		OR	x$52	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3 minus 3 =	*	x$110			x$220	
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $270 ($135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR						
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))			195			390	
			TOTAL			TOTAL	1090

* If the difference in column 1 is less than zero, enter "0" in column 2.

APPLICATION AS AMENDED – PART II

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	SMALL ENTITY ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE ($)
AMENDMENT A	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					N/A		OR	N/A	
						TOTAL ADD'T FEE		OR	TOTAL ADD'T FEE	

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)	OR	RATE ($)	ADDITIONAL FEE ($)
AMENDMENT B	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					N/A		OR	N/A	
						TOTAL ADD'T FEE		OR	TOTAL ADD'T 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.

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 comment 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 NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/906,941	10/18/2010	Todd E. Duffin	26629-17392

CONFIRMATION NO. 1064

758
FENWICK & WEST LLP
SILICON VALLEY CENTER
801 CALIFORNIA STREET
MOUNTAIN VIEW, CA 94041

FORMALITIES LETTER

OC000000044272864

Date Mailed: 11/04/2010

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 and pay any fees required 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 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:

- 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 $**130** for a non-small entity, must be submitted with the missing items identified in this notice.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is $**130** for a non-small entity
- $**130** Surcharge.

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.

/atesfaye/

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	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
12/906,941	10/18/2010	2621	1090	26629-17392	15	3

CONFIRMATION NO. 1064

758
FENWICK & WEST LLP
SILICON VALLEY CENTER
801 CALIFORNIA STREET
MOUNTAIN VIEW, CA 94041

FILING RECEIPT

OC000000044272863

Date Mailed: 11/04/2010

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)

Todd E. Duffin, Bellevue, WA;
Todd R. Malsbary, Seattle, WA;
Mark E. Phillips, Seattle, WA;

Assignment For Published Patent Application

MOD SYSTEMS INCORPORATED, Seattle, WA

Power of Attorney: None

Domestic Priority data as claimed by applicant

This appln claims benefit of 61/253,792 10/21/2009

Foreign Applications

If Required, Foreign Filing License Granted: 10/29/2010

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 12/906,941**

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

Non-Publication Request: No

Early Publication Request: No

Title

CONTEXTUAL CHAPTER NAVIGATION

Preliminary Class

386

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

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

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

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

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

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as

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 AssetsControl, 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).

IN THE UNITED STATES

PATENT AND TRADEMARK OFFICE

APPLICANTS:	Todd E. Duffin, Todd R. Malsbary, Mark E. Phillips
APPLICATION NO.:	12/906,941
FILING DATE:	October 18, 2010
TITLE:	Contextual Chapter Navigation
EXAMINER:	not yet known
GROUP ART UNIT:	2621
ATTY. DKT. NO.:	26629-17392

CERTIFICATE OF EFS-WEB TRANSMISSION			
Pursuant to 240 OG 45 and the *Legal Framework For EFS-Web*, I hereby certify that this follow-on correspondence is being officially submitted through the USPTO EFS-Web system from the Pacific Time Zone of the United States on the local date shown below.			
Signature:	/Robin W. Reasoner/		
Typed or Printed Name:	Robin W. Reasoner, Reg. 58,257	Dated:	April 27, 2011

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

RESPONSE TO NOTICE TO FILE MISSING PARTS OF

NONPROVISIONAL APPLICATION

SIR:

Responsive to the Notice of Missing Parts dated November 4, 2010, received in the above-identified patent application,

☒ Enclosed are:

☒ executed Declaration;

☒ Power of Attorney

☒ Statement Under 37 CFR 3.73(b)

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

(continued)

☒ payment in the amount of $130.00 for the

☐ application filing fee;

☐ fee for additional claims; and

☒ missing parts surcharge.

☐ Other:

☐ Applicant claims small entity status under 37 C.F.R. § 1.27.

Respectfully submitted,
TODD EUGENE DUFFIN, ET AL.

Dated: April 27, 2011

/Robin W. Reasoner/

Robin W. Reasoner, Reg. 58,257
Attorney for Applicants
Fenwick & West LLP
Silicon Valley Center
801 California Street
Mountain View, CA 94041
Tel.: (415) 875-2327
Fax: (650) 938-5200

26629/17392/DOCS/2335651.1

PTO/SB/01A (01-09)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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

Title of Invention	CONTEXTUAL CHAPTER NAVIGATION

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

This declaration is directed to:

- [x] The attached application, or
- [ ] Application No. _____ filed on _____
  - [ ] 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.

FULL NAME OF INVENTOR(S)

Inventor one: Todd E. Duffin Date: 10/26/2010

Signature: _____ Citizen of: US

Inventor two: Todd R. Malsbary Date: 10/20/10

Signature: _____ Citizen of: US

- [x] Additional inventors or a legal representative are being named on 1 additional form(s) attached hereto.

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

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

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)	ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 2

Inventor three: Mark E. Phillips Date: _____

Signature: _____ Citizen of: US

Inventor four: _____ Date: _____

Signature: _____ Citizen of: _____

Privacy Act Statement

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

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

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

PTO/SB/01A (01-09)
Approved for use through 09/30/2010. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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

Title of Invention	Contextual Chapter Navigation

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

This declaration is directed to:

☐ The attached application, or

☑ Application No. 12/906,941 filed on October 18, 2010

☐ 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.

FULL NAME OF INVENTOR(S)

Inventor one: Todd E. Duffin Date: _____

Signature: _____ Citizen of: US

Inventor two: Todd R. Malsbary Date: _____

Signature: _____ Citizen of: US

☑ Additional inventors or a legal representative are being named on 1 additional form(s) attached hereto.

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

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

PTO/SB/02A (07-07)
Approved for use through 09/30/2010. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 2 of 2

Name of Additional Joint Inventor, if any:	☐ A petition has been filed for this unsigned inventor		
Given Name (first and middle (if any))	Family Name or Surname		
Mark E.	Phillips		
Inventor's Signature			Date 4/13/2011
Residence: City: Seattle	State: WA	Country: US	Citizenship: US
Mailing Address: c/o MOD Systems Incorporated 1301 Third Avenue, Suite 501			
City: Seattle	State: WA	Zip: 98101	Country: US
Name of Additional Joint Inventor, if any:	☐ A petition has been filed for this unsigned inventor		
Given Name (first and middle (if any))	Family Name or Surname		
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	Zip	Country
Name of Additional Joint Inventor, if any:	☐ A petition has been filed for this unsigned inventor		
Given Name (first and middle (if any))	Family Name or Surname		
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	Zip	Country

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

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

Privacy Act Statement

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

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

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

PTO/SB/80 (11-08)
Approved for use through 11/30/2011. OMB 0651-0035
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☑ Practitioners associated with the Customer Number: 60758

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☑ The address associated with Customer Number: 60758

OR

☐ Firm or Individual Name			
Address			
City		State	Zip
Country			
Telephone		Email	

Assignee Name and Address:

MOD Systems Incorporated
1201 3rd Avenue, Suite 1000
Seattle, WA 98101

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

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

Signature		Date	June 30, 2010
Name	Derek de Bakker	Telephone	(206) 432-3773
Title	General Counsel		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to 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.

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

PTO/SB/96 (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Todd Eugene Duffin, Todd Richard Malsbary, Mark E. Phillips

Application No./Patent No.: 12/906,941 Filed/Issue Date: October 18, 2010

Titled: Contextual Chapter Navigation

MOD Systems Incorporated, a corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.

states that it is:

1. [X] the assignee of the entire right, title, and interest in;

2. [ ] an assignee of less than the entire right, title, and interest in (The extent (by percentage) of its ownership interest is _____ %); or

3. [ ] the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

A. [X] 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 026145, Frame 0693, or for which a copy therefore is attached.
and Reel 026181, Frame 0506

OR

B. [ ] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. 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.

2. From: _____ To: _____

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

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.

[ ] Additional documents in the chain of title are listed on a supplemental sheet(s).

[ ] As required by 37 CFR 3.73(b)(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.

/Robin W. Reasoner/ April 27, 2011
Signature Date

Robin W. Reasoner, Reg. No. 58,257 Attorney for Assignee
Printed or Typed Name Title

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.**

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

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

Electronic Patent Application Fee Transmittal

Application Number:	12906941
Filing Date:	18-Oct-2010
Title of Invention:	CONTEXTUAL CHAPTER NAVIGATION
First Named Inventor/Applicant Name:	Todd E. Duffin
Filer:	Robin W. Reasoner/Sophia Fuentes
Attorney Docket Number:	26629-17392

Filed as Large Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Late filing fee for oath or declaration	1051	1	130	130
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension - 5 months with $0 paid	1255	1	2350	2350
Miscellaneous:				
		Total in USD ($)		**2480**

Electronic Acknowledgement Receipt	
EFS ID:	9967725
Application Number:	12906941
International Application Number:	
Confirmation Number:	1064
Title of Invention:	CONTEXTUAL CHAPTER NAVIGATION
First Named Inventor/Applicant Name:	Todd E. Duffin
Customer Number:	00758
Filer:	Robin W. Reasoner
Filer Authorized By:	
Attorney Docket Number:	26629-17392
Receipt Date:	27-APR-2011
Filing Date:	18-OCT-2010
Time Stamp:	18:06:45
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$2480
RAM confirmation Number	5043
Deposit Account	192555
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)	
Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)	
Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Applicant Response to Pre-Exam Formalities Notice	17392_US_Response_to_missing_parts.pdf	102061 a8ff729600589d7ea3bfcbc29c8838b4f2ae595b	no	2
Warnings:					
Information:					
2	Oath or Declaration filed	17392_US_Executed_Declaration_TWO_INVENTORS_ONLY.pdf	156810 8306542ed7083b52963547d18f2763ee0a7628ae	no	3
Warnings:					
Information:					
3	Oath or Declaration filed	17392_US_Declaration_Signed_by_Inventor_Mark_Phillips.pdf	301555 c4034d75b745f79008314903542a5ac190627346	no	3
Warnings:					
Information:					
4	Power of Attorney	17392_US_POA.pdf	1944710 c5fb4c0110674d6a3824910a34190d5efe3ee63c	no	2
Warnings:					
Information:					
5	Assignee showing of ownership per 37 CFR 3.73(b).	17392_US_373b.pdf	39273 65f1309b409366beb9c782ede23cd008efc3c5ed	no	2
Warnings:					
Information:					
6	Fee Worksheet (PTO-875)	fee-info.pdf	32602 fe9ae377443c0c87cfffa9f4fc668914a3fc9395	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	2577011		

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.

Electronic Acknowledgement Receipt	
EFS ID:	9967725
Application Number:	12906941
International Application Number:	
Confirmation Number:	1064
Adjustment date: 05/04/2011 MTEKLEMI 04/28/2011 INTEFSW 00005043 192555 12906941 02 FC:1255 2350.00 CR	
Title of Invention:	CONTEXTUAL CHAPTER NAVIGATION
05/04/2011 MTEKLEMI 00000013 192555 12906941 01 FC:1254 1730.00 DA	
First Named Inventor/Applicant Name:	Todd E. Duffin
Customer Number:	00758
Filer:	Robin W. Reasoner
Filer Authorized By:	
Attorney Docket Number:	26629-17392
Receipt Date:	27-APR-2011
Filing Date:	18-OCT-2010
Time Stamp:	18:06:45
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$2480
RAM confirmation Number	5043
Deposit Account	192555
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
12/906,941	10/18/2010	2484	1220	26629-17392	15	3

CONFIRMATION NO. 1064

UPDATED FILING RECEIPT

758
FENWICK & WEST LLP
SILICON VALLEY CENTER
801 CALIFORNIA STREET
MOUNTAIN VIEW, CA 94041

OC000000047487342

Date Mailed: 05/06/2011

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)

Todd E. Duffin, Bellevue, WA;
Todd R. Malsbary, Seattle, WA;
Mark E. Phillips, Seattle, WA;

Assignment For Published Patent Application

MOD SYSTEMS INCORPORATED, Seattle, WA

Power of Attorney: The patent practitioners associated with Customer Number 00758

Domestic Priority data as claimed by applicant

This appln claims benefit of 61/253,792 10/21/2009

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: 10/29/2010

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 12/906,941**

Projected Publication Date: 08/11/2011

Non-Publication Request: No

Early Publication Request: No

Title

CONTEXTUAL CHAPTER NAVIGATION

Preliminary Class

386

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

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

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

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

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

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as

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 AssetsControl, 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).

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 12/906,941

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	330
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	540
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	220
TOTAL CLAIMS (37 CFR 1.16(i))	15 minus 20 =	*			OR	x 52 =	0.00
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3 minus 3 =	*				x 220 =	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 $270 ($135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						0.00
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							0.00
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	1090

APPLICATION AS AMENDED - PART II

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

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

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

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
12/906,941	10/18/2010	Todd E. Duffin	26629-17392

CONFIRMATION NO. 1064

758
FENWICK & WEST LLP
SILICON VALLEY CENTER
801 CALIFORNIA STREET
MOUNTAIN VIEW, CA 94041

POA ACCEPTANCE LETTER

OC000000047487349

Date Mailed: 05/06/2011

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 04/27/2011.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/ddinh/

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
12/906,941	10/18/2010	Todd E. Duffin	26629-17392

CONFIRMATION NO. 1064

758
FENWICK & WEST LLP
SILICON VALLEY CENTER
801 CALIFORNIA STREET
MOUNTAIN VIEW, CA 94041

PUBLICATION NOTICE



Title:CONTEXTUAL CHAPTER NAVIGATION

Publication No.US-2011-0197131-A1
Publication Date:08/11/2011

NOTICE OF PUBLICATION OF APPLICATION

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

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

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

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

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

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

PTO/SB/80 (11-08)
Approved for use through 11/30/2011. OMB 0651-0035
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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☑ Practitioners associated with the Customer Number: 25315

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☑ The address associated with Customer Number: 25315

OR

☐ Firm or Individual Name			
Address			
City		State	Zip
Country			
Telephone		Email	

Assignee Name and Address:

Media IP, LLC
220 W. Mercer Street, Suite W-430
Seattle, WA 98119

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

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

Signature	/Derek de Bakker/	Date	6/2/2010
Name	Derek de Bakker	Telephone	206-977-1045
Title	Manager		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to 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.

Privacy Act Statement

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

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

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

PTO/SB/96 (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Media IP, LLC

Application No./Patent No.: 12/906,941 Filed/Issue Date: October 18, 2010

Titled: CONTEXTUAL CHAPTER NAVIGATION

Media IP, LLC , a limited liability company

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.

states that it is:

1. ☒ the assignee of the entire right, title, and interest in;

2. ☐ an assignee of less than the entire right, title, and interest in (The extent (by percentage) of its ownership interest is _____ %); or

3. ☐ the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

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 therefore is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Mark E. Phillips To: MOD Systems Incorporated

The document was recorded in the United States Patent and Trademark Office at
Reel 026145 , Frame 0693 , or for which a copy thereof is attached.

2. From: Todd E. Duffin et al. To: MOD Systems Incorporated

The document was recorded in the United States Patent and Trademark Office at
Reel 026181 , Frame 0506 , or for which a copy thereof is attached.

3. From: MOD Systems Incorporated To: MOD Asset Preservation LLC

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(b)(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.

/Ellen M. Bierman/ August 3, 2012

Signature Date

Ellen M. Bierman Attorney of Record

Printed or Typed Name Title

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.

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.

Based on PTO/SB96

STATEMENT UNDER 37 CFR 3.73(B)
SUPPLEMENTAL SHEET

Applicant/Patent Owner: Media IP, LLC

Application No./Patent No.: 12/906,941 Filed/Issue Date: October 18, 2010

Titled: CONTEXTUAL CHAPTER NAVIGATION

Media IP, LLC, a limited liability company
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.

states that it is:

1. ☒ the assignee of the entire right, title, and interest in;

2. ☐ an assignee of less than the entire right, title and interest in
(The extent (by percentage) of its ownership interest is _____ %); or

3. ☐ the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made) the patent application/patent identified above, by virtue of either:

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 therefore is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

4. From: MOD Asset Preservation LLC To: Media IP, LLC

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame_____, or for which a copy therefore 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 therefore 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 therefore is attached.

☒ This is a supplemental sheet for listing additional documents in the chain of title.

☒ As required by 37 CFR 3.73(b)(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 302.05]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Ellen M. Bierman/ August 3, 2012
Signature Date

Ellen M. Bierman Attorney of Record
Printed or Typed Name Title

ACKNOWLEDGMENT AND ASSIGNMENT

WHEREAS, MOD Systems Incorporated (hereinafter referred to as MOD), MOD Asset Preservation LLC (hereinafter referred to as MAP), and Media IP, LLC (hereinafter referred to as Media IP), collectively the Parties, wish to avoid any uncertainty with regard to ownership of the Patents and Patent Applications listed in the attached Schedule A (hereinafter referred to collectively as INVENTIONS) and wish to transfer all rights in the INVENTIONS to Media IP;

WHEREAS, MOD, whose office was located at 1301 2nd Avenue, #501, Seattle, WA 98101, was the owner of the INVENTIONS;

WHEREAS, MOD surrendered its business and assets, including the INVENTIONS, as part of a Surrender of Collateral, Consent to Strict Foreclosure, and Release Agreement (UCC 9A-620) dated on or about March 22, 2011 to MAP, having an address of 220 West Mercer Street, Suite W-430, Seattle, WA 98119;

WHEREAS, Media IP, a Washington Limited Liability Company having a principal address at 220 W. Mercer Street, Suite W-430, Seattle, WA 98119, desires the entire right, title and interest in and to the INVENTIONS; and

WHEREAS, the Parties hereto wish to provide, via this Assignment, a complete and formal transfer of all rights, to the extent any exist from MOD and MAP, to Media IP in a form suitable for recordation with the U.S. Patent and Trademark Office;

NOW, THEREFORE, for ten U.S. dollars ($10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, MOD and MAP (collectively ASSIGNORS) hereby sell, assign and transfer to Media IP, individually and collectively, their entire right, title and interest in and to the INVENTIONS, and any and all applications and letters patent which may be granted for the INVENTIONS in the United States of America and its territorial possessions and in any and all other countries, and in any and all divisions, reissues and continuations thereof, including the right to file applications directly in the name of Media IP and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said INVENTIONS, applications and all letters patent on said INVENTIONS to be held and enjoyed by Media IP and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not

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206.381.3300 • F: 206.381.3301

been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said INVENTIONS to Media IP.

MOD and MAP each agree to execute all instruments and documents as may be reasonably required by Media IP for the making and prosecution of applications for United States and foreign letters patent on said INVENTIONS, or for the purpose of protecting title to said INVENTIONS or letters patent therefor.

MOD Systems Incorporated

Date: June 26, 2012 By: Julia deHaan

Julia DeHaan, Director, for MOD Systems Incorporated

STATE OF Washington)
) ss.
COUNTY OF King)

I certify that I know or have satisfactory evidence that Julia DeHaan is the person who appeared before me and signed this instrument and acknowledged such signature to be a voluntary act for the purposes mentioned in the instrument.

Dated: 6-26-12

(Seal or stamp) JEFFREY A. SMYTH NOTARY PUBLIC COMMISSION EXPIRES 04-08-14 STATE OF WASHINGTON

Signature
Printed Name: JEFF SMYTH
Notary Public
My appointment expires 4-8-14

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Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

MOD Asset Preservation LLC

Date: June 26, 2012 By: Julia de Haan

Julia DeHaan, Manager, for MOD Asset Preservation LLC

STATE OF Washington)
) ss.
COUNTY OF King)

I certify that I know or have satisfactory evidence that Julia DeHaan is the person who appeared before me and signed this instrument and acknowledged such signature to be a voluntary act for the purposes mentioned in the instrument.

Dated: 6-26-12

(Seal or stamp) STATE OF WASHINGTON JEFFREY A. SMYTH NOTARY PUBLIC 04-08-14 COMMISSION EXPIRES

Signature
Printed Name: JEFF SMYTH
Notary Public
My appointment expires 4-8-14

Media IP, LLC

Date: June 26, 2012 By: Derek de Bakker

Derek de Bakker, Manager, for Media IP, LLC

STATE OF Washington)
) ss.
COUNTY OF King)

I certify that I know or have satisfactory evidence that Derek de Bakker is the person who appeared before me and signed this instrument and acknowledged such signature to be a voluntary act for the purposes mentioned in the instrument.

Dated: 6-26-12

(Seal or stamp) STATE OF WASHINGTON JEFFREY A. SMYTH NOTARY PUBLIC 04-08-14 COMMISSION EXPIRES

Signature
Printed Name: JEFF SMYTH
Notary Public
My appointment expires 4-8-14

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SCHEDULE A

Application No.	App. Date	Publication No.	Pub. Date	Patent No.	Issue Date	Title
61/474,671	4/12/11					KIOSK DISTRIBUTION OF LICENSED CONTENT TO PORTABLE DEVICES WITHIN DVD AVAILABILITY WINDOW
61/478,204	4/22/11					ACCESS CONTROLS FOR KNOWN CONTENT
61/413,926	11/15/10					VIRTUAL SECURE DIGITAL CARD
13/078,323	4/1/11					VIRTUAL SECURE DIGITAL CARD
13/073,802	3/28/11					READ AND WRITE OPTIMIZATION FOR PROTECTED AREA OF MEMORY
61/294,070	1/11/10					CONTENT AND IDENTITY DELIVERY SYSTEM FOR PORTABLE PLAYBACK OF CONTENT AND STREAMING SERVICE INTEGRATION
13/004,806	1/11/11					CONTENT AND IDENTITY DELIVERY SYSTEM FOR PORTABLE PLAYBACK OF CONTENT AND STREAMING SERVICE INTEGRATION
61/253,777	10/21/09					RESUME POINT FOR DIGITAL MEDIA PLAYBACK
12/906,949	10/18/10	US11/0091187	4/21/11			RESUME POINT FOR DIGITAL MEDIA PLAYBACK

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Application No.	App. Date	Publication No.	Pub. Date	Patent No.	Issue Date	Title
61/253,792	10/21/09					CONTEXTUAL CHAPTER NAVIGATION
12/906,941	10/18/10	US11/0197131	8/11/11			CONTEXTUAL CHAPTER NAVIGATION
61/253,789	10/21/09					HIGH-SPEED SECURE CONTENT TRANSFER TO SD CARD FROM KIOSK
12/906,938	10/18/10	US11/0093622	4/21/11			HIGH-SPEED SECURE CONTENT TRANSFER TO SD CARD FROM KIOSK
PCT/US10/53118	10/19/10	WO 11/049902	4/28/11			HIGH-SPEED SECURE CONTENT TRANSFER TO SD CARD FROM KIOSK
60/851,631	10/13/06					DIGITAL CONTENT DELIVERY SYSTEM
11/974,918	10/15/07	US08/0133546	6/5/08	7,779,064	8/17/10	METHOD AND SYSTEM FOR EFFICIENT AND DYNAMICALLY ADAPTABLE DIGITALLY-ENCODED-INFORMATION DISTRIBUTION

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Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

Electronic Acknowledgement Receipt	
EFS ID:	13419165
Application Number:	12906941
International Application Number:	
Confirmation Number:	1064
Title of Invention:	CONTEXTUAL CHAPTER NAVIGATION
First Named Inventor/Applicant Name:	Todd E. Duffin
Customer Number:	758
Filer:	Ellen M Bierman/Kimberly Papp
Filer Authorized By:	Ellen M Bierman
Attorney Docket Number:	26629-17392
Receipt Date:	03-AUG-2012
Filing Date:	18-OCT-2010
Time Stamp:	19:33:54
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	Assignee showing of ownership per 37 CFR 3.73(b).	MDIP-5-1001XPOA.pdf	621505 13188915de48d86d28825c971385a5cdc2924f01	no	2
Warnings:					
Information:					

2	Assignee showing of ownership per 37 CFR 3.73(b).	MDIP-1-2407SB9602.pdf	429176 04a76356d2d11f2fb145409840e9361b13b7bc90	no	2
Warnings:					
Information:					
3	Assignee showing of ownership per 37 CFR 3.73(b).	MDIP-1-2407SB96-SupplementalSheet.pdf	60196 8b3d514b3c8ec5301bbe231c707af0c74a16ebc5	no	1
Warnings:					
Information:					
4	Assignee showing of ownership per 37 CFR 3.73(b).	MDIP-5-1001XAsgn.pdf	457580 8f1782bd3415e2eb2fa3b6c39f2f384d5466b375	no	5
Warnings:					
Information:					
			Total Files Size (in bytes):	1568457	

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.

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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.
12/906,941	10/18/2010	Todd E. Duffin	26629-17392	1064

758 7590 11/09/2012

FENWICK & WEST LLP
SILICON VALLEY CENTER
801 CALIFORNIA STREET
MOUNTAIN VIEW, CA 94041

EXAMINER	
LEE, DAEOO	
ART UNIT	PAPER NUMBER
2175	

NOTIFICATION DATE	DELIVERY MODE
11/09/2012	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):

PTOC@Fenwick.com

Office Action Summary	Application No.	Applicant(s)	
	12/906,941	DUFFIN ET AL.	
	Examiner	Art Unit	
	DAEOO LEE	2175	

-- 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 *18 October 2010*.

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) *1-15* 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) *1-15* is/are rejected.

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

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

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

Application Papers

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

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

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

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

Priority under 35 U.S.C. § 119

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

a)☐ All b)☐ Some * c)☐ None of:

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

The following action is in response to the original filing of 18 October 2010. Claims 1-15 are pending and have been considered below.

Claim Rejections - 35 USC § 103

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

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

Claims 1-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ekstrand (US 2009/0282454 A1) in view of Cha (US 2010/0262912 A1).

In regard to **independent claims 1**, method for navigating a plurality of chapters within a video, the method comprising:

Ekstrand teaches *presenting, during playback of a video, an on-screen display to a user, the on-screen display including a timeline having a demarcation for a beginning of each of a plurality of chapter of the video and having a marker corresponding to a current position in the video playback, and the on-screen display including at least one image from each of the plurality of chapters displayed in order in a line* (Figs. 1, 2, and 5, 0063-0064).

Ekstrand fails to explicitly teach a focus identifier.

Cha teaches *wherein a focus identifier marks an image of a chapter corresponding to the current position within the video playback* (Fig. 7).

Ekstrand teaches *receiving a chapter skip input*; *moving the at least one image from each chapter one position along the line…, according to the chapter skip input*; *resuming playback of the video at a chapter identified …* (Figs. 3-5, 0057-0060, 0065)

Cha teaches *focus identifier* (Fig. 7).

Ekstrand and Cha are analogous art because they are both related to video playback system.

Therefore, it would have been obvious to one having ordinary skill at the time the invention was made to apply Cha to Ekstrand because Cha teaches an intuitive graphical feature to improve the appeal and usability of the interface.

In regard to **dependent claim 2** of claim 1, Ekstrand teaches *wherein the on-screen display includes a video preview from at least one of the plurality of chapters of the video that is displayed in order in the line with the rest of the at least one images from the rest of the plurality of chapters* (Fig. 5, 0067).

In regard to **dependent claim 3** of claim 1, Ekstrand teaches *wherein the video comprises secured media content on a flash memory device* (Figs. 1-2, 0049).

In regard to **dependent claim 4** of claim 3, further comprising:

Ekstrand teaches *initiating playback of the video from the flash memory device; reading metadata from the flash memory device; matching the read metadata from the flash memory device with the video; and assembling the video and the metadata in a memory structure to retrieve for playback and display* (Figs. 1-2 and 6-7, 0006, 0049-0054)

In regard to **dependent claim 5** of claim 1, Ekstrand teaches *wherein the metadata comprises chapter titles, chapter start times and location on the flash memory device* (Figs. 1-2 and 6-7, 0006, 0049-0054).

In regard to **independent claim 6 and claim 11** are rejected under the same rationale as applied to independent claim 1.

In regard to **dependent claim 7 and claim 12** are rejected under the same rationale as applied to dependent claim 2.

In regard to **dependent claim 8 and claim 13** are rejected under the same rationale as applied to dependent claim 3.

In regard to **dependent claim 9 and claim 14** are rejected under the same rationale as applied to dependent claim 4.

In regard to **dependent claim 10 and claim 15** are rejected under the same rationale as applied to dependent claim 5.

It is noted that any citation to specific, pages, columns, lines, or figures in the prior art references and any interpretation of the references should not be considered to be limiting in any way. A reference is relevant for all it contains and may be relied upon for all that it would have reasonably suggested to one having ordinary skill in the art. In re Heck, 699 F.2d 1331, 1332-33,216 USPQ 1038, 1039 (Fed. Cir. 1983) (quoting In re Lemelson, 397 F.2d 1006, 1009, 158 USPQ 275, 277 (CCPA 1968)).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DAEOO LEE whose telephone number is (571) 270-7963. The examiner can normally be reached on 7:30-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William L. Bashore can be reached on (571) 272-4088. 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.

/D. L./
Examiner, Art Unit 2175

/William Bashore/
Supervisory Patent Examiner, Art Unit 2175

Notice of References Cited	Application/Control No. 12/906,941	Applicant(s)/Patent Under Reexamination DUFFIN ET AL.	
	Examiner DAEOO LEE	Art Unit 2175	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2009/0282454	11-2009	Ekstrand, Simon	725/134
*	B	US-2010/0262912	10-2010	Cha, Youn Jine	715/719
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

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

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BIB DATA SHEET

CONFIRMATION NO. 1064

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
12/906,941	10/18/2010 RULE	715	2175	26629-17392

APPLICANTS

Todd E. Duffin, Bellevue, WA;
Todd R. Malsbary, Seattle, WA;
Mark E. Phillips, Seattle, WA;

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

This appln claims benefit of 61/253,792 10/21/2009

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

**** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ****

10/29/2010

Foreign Priority claimed	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
☐ Yes ☑ No 35 USC 119(a-d) conditions met ☐ Yes ☑ No Verified and Acknowledged /DAEOO LEE/ Examiner's Signature	WA	8	15	3

☐ Met after Allowance
Initials

ADDRESS

FENWICK & WEST LLP
SILICON VALLEY CENTER
801 CALIFORNIA STREET
MOUNTAIN VIEW, CA 94041
UNITED STATES

TITLE

CONTEXTUAL CHAPTER NAVIGATION

FILING FEE RECEIVED		
1220	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

BIB (Rev. 05/07).

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	((TODD) near2 (DUFFIN)).INV.	US-PGPUB; USPAT	OR	ON	2012/11/03 14:38
S2	4	((TODD) near2 (MALSBARY)).INV.	US-PGPUB; USPAT	OR	ON	2012/11/03 14:39
S3	328	((MARK) near2 (PHILLIPS)).INV.	US-PGPUB; USPAT	OR	ON	2012/11/03 14:39
S4	1	(12/675568).APP.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/03 14:51
S5	976	(715/719).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/03 15:09
S6	6	("20060222325" | "20060064716" | "20030184598" | "20040221322" | "20070206923" | "20050091597").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2012/11/03 16:21
S7	2	S6 and (chapter)	US-PGPUB; USPAT; USOCR	OR	ON	2012/11/03 16:23
S8	976	(715/719).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/03 16:46
S9	81	S8 and chapter	US-PGPUB; USPAT; USOCR	OR	ON	2012/11/03 16:46
S10	161	(video or dvd) same timeline same chapter	US-PGPUB; USPAT; USOCR	OR	ON	2012/11/03 17:19
S11	2	(12/117321).APP.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/03 17:42
S12	27	("20030122966" | "20040021794" | "20040210896" | "20040221311" | "20040228616" | "20040268398" | "20050125828" | "20050262539" | "20050283793" | "20060248569" | "20060263045" | "20070031118" | "20070083883" | "20070206923" | "20070253678" | "20080016089" |	US-PGPUB; USPAT; USOCR	OR	ON	2012/11/03 17:46

		"20080266460" | "20090009661" | "20090222853" | "20090288112" | "20100325657" | "6222532" | "6711741" | "7272295" | "7401351" | "7734579" | "8019195").PN. OR ("8249423").URPN.				

11/5/2012 1:30:08 AM
C:\Users\dlee8\Documents\EAST\Workspaces\12906941.wsp

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12906941	DUFFIN ET AL.
	Examiner	**Art Unit**
	DAEOO LEE	2175

SEARCHED			
Class	**Subclass**	**Date**	**Examiner**
715	719	11/3/2012	D. Lee

SEARCH NOTES		
Search Notes	**Date**	**Examiner**
Inventor Search	11/3/2012	D. Lee
EAST Search	11/3/2012	D. Lee

INTERFERENCE SEARCH			
Class	**Subclass**	**Date**	**Examiner**

/D.L./ Examiner.Art Unit 2175	

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12906941	DUFFIN ET AL.
	Examiner	**Art Unit**
	DAEOO LEE	2175

✓	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	11/03/2012								
	1	✓								
	2	✓								
	3	✓								
	4	✓								
	5	✓								
	6	✓								
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	9	✓								
	10	✓								
	11	✓								
	12	✓								
	13	✓								
	14	✓								
	15	✓								

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/906,941	10/18/2010	Todd E. Duffin	26629-17392

CONFIRMATION NO. 1064

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

POA ACCEPTANCE LETTER

OC000000057677596

Date Mailed: 11/23/2012

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 08/03/2012.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/atesfai/

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

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/906,941	10/18/2010	Todd E. Duffin	26629-17392

CONFIRMATION NO. 1064

758
FENWICK & WEST LLP
SILICON VALLEY CENTER
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POWER OF ATTORNEY NOTICE

OC000000057677503

Date Mailed: 11/23/2012

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 08/03/2012.

- The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

/atesfai/

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	Todd E. Duffin et al.
Application No.	:	12/906,941
Filed	:	October 18, 2010
For	:	CONTEXTUAL CHAPTER NAVIGATION

Examiner	:	Daeoo Lee
Art Unit	:	2175
Docket No.	:	MDIP-1-2407
Date	:	February 11, 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 November 9, 2012, 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 7 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) A method for navigating a plurality of chapters of video content within a video, the method comprising:

reading from a chapter index stored with the video a beginning location in the video content for each of a plurality of chapters of the video as configured and stored on a media storage device without modification, each chapter comprising a segment of content of the video;

presenting, during continuous playback of a video, an on-screen display to a user, the on-screen display including a timeline having a demarcation for ~~a~~ the beginning of each of ~~a~~ the plurality of chapters of the video and having a marker corresponding to a current position in the video playback, and the on-screen display including at least one image from each of the plurality of chapters displayed in order in a line, wherein a focus identifier marks an image of a chapter corresponding to the current position within the video playback;

receiving a chapter skip input during the continuous playback of the video;

moving the at least one image from each chapter one position along the line with respect to the focus identifier, according to the chapter skip input, wherein the one image is moved to the left when the chapter skip input indicates a skip forward and wherein the one image is moved to the right when the chapter skip input indicates a skip backward;

~~resuming~~ skipping playback of the video ~~at~~ to a chapter identified by the focus identifier such that the video playback continues from the position of the chapter identified by the focus identifier.

2. (Originally) The method of claim 1, wherein the on-screen display includes a video preview from at least one of the plurality of chapters of the video that is

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displayed in order in the line with the rest of the at least one images from the rest of the plurality of chapters.

3. (Originally) The method of claim 1, wherein the video comprises secured media content on a flash memory device.

4. (Originally) The method of claim 3, further comprising:

initiating playback of the video from the flash memory device;

reading metadata from the flash memory device;

matching the read metadata from the flash memory device with the video; and

assembling the video and the metadata in a memory structure to retrieve for playback and display.

5. (Originally) The method of claim 1, wherein the metadata comprises chapter titles, chapter start times and location on the flash memory device.

6. (Currently Amended) A computer readable medium storing instructions thereon, the instructions when executed causeing at least one processor to:

read from a chapter index associated with a video a beginning location in the video content for each of a plurality of chapters of the video as configured and stored on a media storage device without modification, each chapter comprising a segment of content of the video;

present, during continuous playback of a video, an on-screen display to a user, the on-screen display including a timeline having a demarcation for ~~a~~ the beginning of each of ~~a~~ the plurality of chapter of the video and having a marker corresponding to a current position in the video playback, and the on-screen display including one image from each of the plurality of chapters displayed in order in a line, wherein a focus identifier marks an image of a chapter corresponding to the current position within the video playback;

receive a chapter skip input during the continuous playback of the video;

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move the at least one image from each chapter one position along the line with respect to the focus identifier, according to the chapter skip input, wherein the one image is moved to the left when the chapter skip input indicates a skip forward and wherein the one image is moved to the right when the chapter skip input indicates a skip backward;

~~resume~~ skipping playback of the video ~~at~~ to a chapter identified by the focus identifier such that the video playback continues from the position of the chapter identified by the focus identifier.

7. (Originally) The computer readable computer medium of claim 6, wherein the on-screen display includes a video preview from at least one of the plurality of chapters of the video that is displayed in order in the line with the rest of the at least one images from the rest of the plurality of chapters.

8. (Originally) The computer readable computer medium of claim 6, wherein the video comprises secured media content on a flash memory device.

9. (Originally) The computer readable computer medium of claim 8, further comprising instructions that cause the at least one processor to:

initiate playback of the video from the flash memory device;

read metadata from the flash memory device;

match the read metadata from the flash memory device with the video; and

assemble the video and the metadata in a memory structure to retrieve for playback.

10. (Originally) The computer readable computer medium of claim 6, wherein the metadata comprises chapter titles, chapter start times and location on the flash memory device.

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11. (Currently Amended) An apparatus for navigating a plurality of chapters of video content within a video, the apparatus comprising:

a video screen; and

a processor, the processor configured to execute:

a chapter presentation module, ~~the chapter presentation module for~~ configured to:

read from a chapter index associated with the video a beginning location in the video content for each of a plurality of chapters of the video as configured and stored on a media storage device without modification, each chapter comprising a segment of content of the video; and

present~~ing~~, during continuous playback of a video, an on-screen display on the video screen, the on-screen display including a timeline having a demarcation for ~~a~~ the beginning of each of ~~a~~ the plurality of chapters of the video and having a marker corresponding to a current position in the video playback, and the on-screen display including at least one image from each of the plurality of chapters displayed in order in a line, wherein a focus identifier marks an image of a chapter corresponding to the current position within the video playback~~,~~;

a receive module ~~for receiving~~configured to receive a chapter skip input during the continuous playback of the video~~,~~;

a move module ~~for moving~~configured to move the at least one image from each chapter one position along the line with respect to the focus identifier, according to the chapter skip input, wherein the one image is moved to the left when the chapter skip input indicates a skip forward and wherein the one image is moved to the right when the chapter skip input indicates a skip backward; and

a resume module for ~~resuming~~ skipping playback of the video ~~at~~ to a chapter identified by the focus identifier such that the video playback continues from the position of the chapter identified by the focus identifier.

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12. (Originally) The apparatus of claim 11, wherein the on-screen display includes a video preview from at least one of the plurality of chapters of the video that is displayed in order in the line with the rest of the at least one images from the rest of the plurality of chapters.

13. (Originally) The apparatus of claim 11, further comprising a secured digital memory device interface, the secured digital memory device interface for receiving a secured media memory device having the video.

14. (Originally) The apparatus of claim 13, wherein the processor is further configured to execute:

a playback module for initiating playback of the video from the secured digital memory device;

a reading module for reading metadata from the secured digital memory device;

a match module for matching the read metadata from the secured digital memory device with the video; and

an assembly module for assembling the video and the metadata in a memory structure to retrieve for playback and display.

15. (Originally) The apparatus of claim 11, wherein the metadata comprises chapter titles, chapter start times and location on the flash memory device

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REMARKS

Claims 1-15 are pending in this application. No claims have been canceled. Applicant has amended claims 1, 6, and 11 to clarify the intended scope of the claims and to address typographical and stylistic issues. Namely, the independent claims have been amended to clarify that the chapters are fixed chapters of video content as they are originally stored (not later added advertising) and that the video content plays continuously while the on-screen display is presented to the user. No new matter has been introduced by way of these amendments. In particular, support for these amendments can be found at least in Applicant's specification in paragraphs, 30-31 and 33-34.

As a preliminary matter, Applicant wishes to note that use of the disjunctive "or" before the last element in a list of alternatives is intended to recite and cover any one or more of the listed elements in the alternative, consistent with case law. Namely, the phrase "at least one of A or B" is to be interpreted as including: "A," or "B," or both "A and B." Also, the phrases "at least one of A, B, or C," "A, B, or C," and "A or B" are to be interpreted in the same manner. These recitations conform the claims with current case law on this subject.

Rejections Under 35 U.S.C. § 103

The Examiner has rejected claims 1-15 under 35 U.S.C. § 103(a) as rendered obvious over U.S. Patent Publication No. 2009/0282454 issued to Ekstrand ("Ekstrand") in view of U.S. Patent Publication No. 2010/0262912 issued to Cha ("Cha"). In essence, the Examiner asserts that Ekstrand describes Applicant's on-screen display because it presents a timeline and allows a user to jump between "chapters."

Applicant respectfully traverses this rejection with respect to the amended and original claims as indicated.

In particular, Ekstrand's chapters are not derived in the same way as Applicant's. In particular, Ekstrand derives chapters of the video content by reformulating the video content to remove advertising which has been previously inserted at various intervals. This allows a user to skip over advertising as might be present in streamed video. More specifically, instead of the advertising, Ekstrand uses a "chapter mark insertion unit 244 [which] can be configured to

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remove and replace each instance of the advertising content of the received video stream with a corresponding one of the addressable chapter marks to generate a modified video stream." (Ekstrand, para. 51.) This modified video stream and its corresponding "chapter marks" is what is presented to the user.

Applicant's techniques in contrast utilize the chapter titles, chapter start times and locations as found as part of the video, for example, as stored on a flash memory device such as an SD card. (See Applicant's Specification, para. 22.) These are not generated chapter start times and locations – they can be read straight from the metadata associated with the video content that is stored as part of the video. (See Specification, para. 38.) As such, the video as originally stored can be continuously played back while presenting the on-screen display for skipping chapters of video content. (Specification, para. 30.)

Applicant's claims have been amended to clarify this distinction. In particular, independent claims 1, 6, and 11 (and their corresponding dependent claims) have been amended to recite:

> *reading **from a chapter index stored with the video** a beginning location in the video content for each of a plurality of chapters of the video as configured and stored on a media storage device without modification*, each chapter comprising a segment of content of the video;
>
> presenting, ***during continuous playback of a video***, an on-screen display to a user, the on-screen display including a timeline having a demarcation for the beginning of each of the plurality of chapters of the video and having a marker corresponding to a current position in the video playback, and the on-screen display including at least one image from each of the plurality of chapters displayed in order in a line, wherein a focus identifier marks an image of a chapter corresponding to the current position within the video playback;
>
> receiving a chapter skip input ***during the continuous playback*** of the video;
>
> moving the at least one image from each chapter one position along the line with respect to the focus identifier, according to the chapter skip input, wherein the one image is moved to the left when the chapter skip input indicates a skip forward and wherein the one image is moved to the right when the chapter skip input indicates a skip backward;

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> skipping playback of the video to a chapter identified by the focus identifier such that the video playback continues from the position of the chapter identified by the focus identifier.

(emphasis added) or similar language.

Nowhere does Ekstrand or Cha teach or suggest presenting their user interface while continuously playing back the video. In addition, the chapter marks displayed by Ekstrand do not appear to be read from a metadata file stored with the video – they are computed and inserted into a new video stream which is played back by the device as described above. Thus, none of the references, alone or in any motivated combination teach or suggest "reading *from a chapter index stored with the video* a beginning location in the video content for each of a plurality of chapters of the video as configured and stored on a media storage device without modification" or similar language.

In addition, all of these independent claims before amendment recite "moving the at least one image from each chapter one position along the line with respect to the focus identifier," or similar language. The Examiner, cites Figs 3-5, and paragraphs 57-60, and 65 for the aspects of receiving the chapter skip input and moving the at least one image … and resuming playback. (See Office Action, dated November 9, 2012, p. 3.) Although this text describes how subtitle text will change with a chapter skip, it appears that the present location indicia 320 may be moved to the new chapter demarcation.

Neither Ekstrand nor Cha appear to describe that the images are moved along the timeline, which yields a different user interface effect.

Dependent Claims

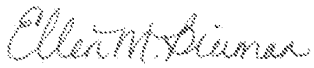
As discussed above, all of the dependent claims are not anticipated or rendered obvious for at least the reasons described above with respect to the independent claims. Additional arguments for a variety of the other dependent claims are not addressed in more detail herein. Accordingly, Applicant notes 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.

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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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Electronic Acknowledgement Receipt	
EFS ID:	14932171
Application Number:	12906941
International Application Number:	
Confirmation Number:	1064
Title of Invention:	CONTEXTUAL CHAPTER NAVIGATION
First Named Inventor/Applicant Name:	Todd E. Duffin
Customer Number:	25315
Filer:	Ellen M Bierman/Kimberly Papp
Filer Authorized By:	Ellen M Bierman
Attorney Docket Number:	26629-17392
Receipt Date:	11-FEB-2013
Filing Date:	18-OCT-2010
Time Stamp:	19:14:52
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-1-2407AM01.pdf	153415 031f4327bbd6040448be41ed07e2234f31b2b173	yes	10

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Amendment/Req. Reconsideration-After Non-Final Reject	1	1
	Claims	2	6
	Applicant Arguments/Remarks Made in an Amendment	7	10
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 12/906,941	Filing Date 10/18/2010	☐ 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			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			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).						
☐ 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			TOTAL	

APPLICATION AS AMENDED – PART II

		(Column 1)		(Column 2)	(Column 3)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
AMENDMENT	02/11/2013	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 15	Minus	** 20	= 0	X $ =		OR	X $62=	0
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $ =		OR	X $250=	0
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	0

		(Column 1)		(Column 2)	(Column 3)					
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))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/MARCIA GORDON/

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Application Number	12906941
Filing Date	2010-10-18
First Named Inventor	Todd E. Duffin et al.
Art Unit	2175
Examiner Name	Daeoo Lee
Attorney Docket Number	MDIP-1-2407

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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
	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	12906941
	Filing Date	2010-10-18
	First Named Inventor	Todd E. Duffin et al.
	Art Unit	2175
	Examiner Name	Daeoo Lee
	Attorney Docket Number	MDIP-1-2407

	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	20090313432	A1	2009-12-17	Spence et al.	
	10	20100293581	A1	2010-11-18	Robert	
	11	20110091187	A1	2011-04-21	Duffin et al.	
	12	20110093622	A1	2011-04-21	Hahn et al.	
	13	20120124390	A1	2012-05-17	Zipperer et al.	
	14	20120254629	A1	2012-10-04	Zipperer et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12906941
	Filing Date	2010-10-18
	First Named Inventor	Todd E. Duffin et al.
	Art Unit	2175
	Examiner Name	Daeoo Lee
	Attorney Docket Number	MDIP-1-2407

	15	20120315019	A1	2012-12-13	Zipperer et al.	
	16	20120324244	A1	2012-12-20	Zipperer et al.	

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	1	YOUNG; International Search Report for PCT/US07/22007; mailed May 5, 2008; 1 page	☐

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[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	12906941
	Filing Date	2010-10-18
	First Named Inventor	Todd E. Duffin et al.
	Art Unit	2175
	Examiner Name	Daeoo Lee
	Attorney Docket Number	MDIP-1-2407

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 record s.

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	Date of mailing of the international search report
12 March 2008 (12.03.2008)	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 Patent Application Fee Transmittal	
Application Number:	12906941
Filing Date:	18-Oct-2010
Title of Invention:	CONTEXTUAL CHAPTER NAVIGATION
First Named Inventor/Applicant Name:	Todd E. Duffin
Filer:	Ellen M Bierman/Kimberly Papp
Attorney Docket Number:	26629-17392
Filed as Large 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($)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
		Total in USD ($)		**180**

Electronic Acknowledgement Receipt	
EFS ID:	15686888
Application Number:	12906941
International Application Number:	
Confirmation Number:	1064
Title of Invention:	CONTEXTUAL CHAPTER NAVIGATION
First Named Inventor/Applicant Name:	Todd E. Duffin
Customer Number:	25315
Filer:	Ellen M Bierman/Kimberly Papp
Filer Authorized By:	Ellen M Bierman
Attorney Docket Number:	26629-17392
Receipt Date:	03-MAY-2013
Filing Date:	18-OCT-2010
Time Stamp:	15:08:49
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	$180
RAM confirmation Number	1571
Deposit Account	
Authorized User	

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-1-2407IDS01.pdf	612438 2b472b43c279d5a8ce2b749561136b77c25e929a	no	5
Warnings:					
Information:					
2	Non Patent Literature	PCTSearchReportPCTUS072200 7.pdf	54304 675b1663facb22bc7f31032ed0b7f44d66359b8a	no	1
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	30513 aeb66d0e189f2b382824e8c265b1ebc443bc562b	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	697255	

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

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United States Patent and Trademark Office
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www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/906,941	10/18/2010	Todd E. Duffin	26629-17392	1064

25315 7590 05/24/2013

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

EXAMINER	
PARKER, JEANETTE J	
ART UNIT	**PAPER NUMBER**
2175	

NOTIFICATION DATE	DELIVERY MODE
05/24/2013	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

PTOL-90A (Rev. 04/07)

Office Action Summary	Application No. 12/906,941	Applicant(s) DUFFIN ET AL.	
	Examiner JEANETTE J. PARKER	Art Unit 2175	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 *11 February 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) *1-15* 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) *1-15* 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 *18 October 2010* 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.

Interim copies:

a)☐ All b)☐ Some c)☐ None of the: Interim copies of the priority documents have been received.

Attachment(s)

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

2) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date *5/3/2013*.

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

4) ☐ Other: _____.

DETAILED ACTION

1. This action is responsive to the amendment filed on 2/11/2013 to the original application filed on 10/18/2010.

2. This application claims benefit of Priority under 35 U.S.C. §119 (e) from Provisional U.S. Patent Application No 61/253792, filed on 10/21/2009.

3. Claims 1-15 are pending in the case. Claims 1, 6, and 11 have been amended. Claims 1, 6, and 11 are independent claims.

Claim Rejections - 35 U.S.C. § 112

The following is a quotation of the first paragraph of 35 U.S.C. § 112:

> The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 1-15 are rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the written description requirement. The claims contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventors, at the time the application was filed, had possession of the claimed invention.

The amended independent claims 1, 6, and 11 recite the limitation "without modification". Applicant cites paragraphs 30-31 and 33-34 for support for the amendment. However, support for the amendment is not found in the cited paragraphs or elsewhere in the specification as originally submitted with the application.

The following is a quotation of the second paragraph of 35 U.S.C. § 112:

> The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-15 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

As for the amended independent claims 1, 6, and 11, it is unclear what the recite the limitation "without modification" since it is not described in the specification as originally submitted.

Examiner's Note

The rejection below addressing amendments which add new matter does not obviate the rejection based 35 U.S.C. § 112 on above.

Claim Rejections - 35 U.S.C. § 103

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

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

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. § 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicants are advised of the obligation under 37 C.F.R. § 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. § 103(c) and potential 35 U.S.C. § 102(e), (f) or (g) prior art under 35 U.S.C. § 103(a).

Claims 1-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ekstrand (US 2009/0282454 A1) in view of Cha (US 2010/0262912 A1).

In regard to independent claims 1, method for navigating a plurality of chapters within a video, the method comprising:

Ekstrand teaches

reading from a chapter index stored with the video a beginning location in the video content for each of a plurality of chapters of the video as configured and stored on a media storage device without modification, ("The addressable chapter marks may be displayed on a display and used by a viewer to jump playback of the video stream between the chapter marks", Ekstrand [0005]; "the video storage controller is further configured to insert the addressable chapter marks within an address look-up table that is recorded within a same memory file that contains the video stream", Ekstrand [0006])

each chapter comprising a segment of content of the video ("video frame of the program/movie content portion of the video stream following each of the displayed addressable chapter marks", Ekstrand [0063]; "the snapshots 500a-e may be repeating video clips", Ekstrand [0067], emphasis added);

presenting, during continuous playback of a video, an on-screen display to a user, the on-screen display including a timeline having a demarcation for the beginning of each of the plurality of chapters of the video and having a marker corresponding to a current position in the video playback, and the on-screen display including at least one image from each of the plurality of chapters displayed in order in a line ("FIG. 3 shows exemplary graphics that may be displayed by the video storage/playback module 246 on the display 228 during playback of a video stream. The displayed graphics include a video playback timeline 300… Chapter marks 310 are displayed along the timeline 300… Chapter marks 310 are displayed along the timeline 300", Ekstrand [0055]-[0056]; "the graphics that may be displayed during playback of video frames thereon. Referring to FIG. 5, the displayed graphics include the video playback timeline 400, the plurality of chapter marks", Ekstrand [0063]; Figs. 1, 2, and 5, 0063-0064, emphasis added).

Ekstrand fails to explicitly teach a focus identifier.

Cha teaches wherein a focus identifier marks an image of a chapter corresponding to the current position within the video playback (Fig. 7).

Ekstrand teaches receiving a chapter skip input; moving the at least one image from each chapter one position along the line..., according to the chapter skip input;

wherein the one image is moved to the left when the chapter skip input indicates a skip forward and ("jump the present playback location to a previous or forwardly occurring one of the chapter marks", Ekstrand [0064]; "a viewer can repetitively select the right side 330 of the illustrated jog-dial to jump the video stream playback location forward in time", Ekstrand [0057]; Fig. 5, emphasis added)

wherein the one image is moved to the right when the chapter skip input indicates a skip backward ("select the left side 340 of the illustrated jog-dial to jump the video stream playback location backward in time", Ekstrand [0057], emphasis added);

skipping playback of the video at a chapter identified ... (Figs. 3-5, 0057-0060, 0065) Cha teaches focus identifier ("jumping the playback location", Ekstrand [0057]; Fig. 7).

Ekstrand and Cha are analogous art because they are both related to video playback system.

Therefore, it would have been obvious to one having ordinary skill at the time the invention was made to apply Cha to Ekstrand because Cha teaches an intuitive graphical feature to improve the appeal and usability of the interface.

In regard to dependent claim 2 of claim 1, Ekstrand teaches wherein the on- screen display includes a video preview from at least one of the plurafity of chapters of the video that is displayed in order in the line with the rest of the at least one images from the rest of the plurality of chapters (Fig. 5, 0067).

In regard to dependent claim 3 of claim 1, Ekstrand teaches wherein the video comprises secured media content on a flash memory device (Figs. 1-2, 0049).

In regard to dependent claim 4 of claim 3, further comprising:

Ekstrand teaches initiating playback of the video from the flash memory device; reading metadata from the flash memory device; matching the read metadata from the flash memory device with the video; and assembling the video and the metadata in a memory structure to retrieve for playback and display (Figs. 1-2 and 6-7, 0006, 0049-0054).

In regard to dependent claim 5 of claim 1, Ekstrand teaches wherein the metadata comprises chapter titles, chapter start times and location on the flash memory device (Figs. 1-2 and 6-7, 0006, 0049-0054).

In regard to independent claim 6 and claim 11 are rejected under the same rationale as applied to independent claim 1.

In regard to dependent claim 7 and claim 12 are rejected under the same rationale as applied to dependent claim 2.

In regard to dependent claim 8 and claim 13 are rejected under the same rationale as applied to dependent claim 3.

In regard to dependent claim 9 and claim 14 are rejected under the same rationale as applied to dependent claim 4.

In regard to dependent claim 10 and claim 15 are rejected under the same rationale as applied to dependent claim 5.

Therefore, Examiner respectfully asserts that the cited art sufficiently teaches the limitations recited in the amended claims.

Response to Arguments

Applicants argue "Nowhere does Ekstrand or Cha teach or suggest presenting their user interface while continuously playing back the video". Examiner respectfully disagrees. In response to Applicant's argument that the references fail to show certain features of Applicant's invention, it is noted that a reference is relevant for all it contains and may be relied upon for all that it would have reasonably suggested to one having ordinary skill in the art. *In re Heck*, 699 F.2d 1331, 1332-33, 216 U.S.P.Q. 1038, 1039 (Fed. Cir. 1983) (quoting *In re Lemelson*, 397 F.2d 1006, 1009, 158 U.S.P.Q. 275, 277 (C.C.P.A. 1968)).

Ekstrand discloses presenting their user interface while continuously playing back the video ("FIG. 3 shows exemplary graphics that may be displayed by the video storage/playback module 246 on the display 228 during playback of a video stream. The displayed graphics include a video playback timeline 300… Chapter marks 310 are displayed along the timeline 300… Chapter marks 310 are displayed along the timeline 300", Ekstrand [0055]-[0056]; "the graphics that may be displayed during playback of video frames thereon. Referring to FIG. 5, the displayed graphics include the video playback timeline 400, the plurality of chapter marks", Ekstrand [0063]; Figs. 1, 2, and 5, 0063-0064, emphasis added).

Applicants argue "none of the references, alone or in any motivated combination teach or suggest 'reading from a chapter index stored with the video a beginning location in the video content for each of a plurality of chapters of the video as configured and stored on a media storage device without modification' or similar language" because "the chapter marks displayed by Ekstrand do not appear to be read from a metadata file stored with the video - they are computed and inserted into a new video stream which is played back by the device as described above". Examiner respectfully disagrees.

In response to Applicant's argument that the references fail to show certain features of Applicant's invention, it is noted that although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993) (Claims to a superconducting magnet which generates a "uniform magnetic field" were not limited to the degree of magnetic field uniformity required for Nuclear Magnetic Resonance (NMR) imaging. Although the specification disclosed that the claimed magnet may be used in an NMR apparatus, the claims were not so limited.); *Constant v. Advanced Micro-Devices, Inc.*, 848 F.2d 1560, 1571-72, 7 USPQ2d 1057, 1064-1065 (Fed. Cir.), *cert. denied*, 488 U.S. 892 (1988) (Various limitations on which appellant relied were not stated in the claims; the specification did not provide evidence indicating these limitations must be read into the claims to give meaning to the disputed terms.); *Ex parte McCullough*, 7 USPQ2d 1889, 1891 (Bd. Pat. App. & Inter. 1987) (Claimed electrode was rejected as obvious despite assertions that electrode functions differently than would be expected when used in nonaqueous battery since "although the demonstrated results may be germane to the patentability of a battery containing appellant's electrode, they are not germane to the patentability of the invention claimed on appeal."

"Reading… without modification" does not equate to "read from a metadata file stored with the video" as the applicants argue, thus applicants are arguing limitation not claimed.

Futhermore, in response to Applicant's argument, it is noted that "in considering the disclosure of a reference, it is proper to take into account not only specific teachings of the reference but also the inferences which one skilled in the art would reasonably be expected to draw therefrom." *In re Preda*, 401 F.2d 825, 826, 159 USPQ 342, 344 (CCPA 1968).

Ekstrand discloses reading from a chapter index stored with the video" ("the video storage controller is further configured to insert the addressable chapter marks within an address look-up table that is recorded within a same memory file that contains the video stream", Ekstrand [0006]). From Ekstrand's teaching, one skilled in the art can be expected to reasonably draw that "reading" can be done "without modification".

Applicants argue "In addition, all of these independent claims before amendment recite 'moving the at least one image from each chapter one position along the line with respect to the focus identifier,' or similar language. Neither Ekstrand nor Cha appear to describe that the images are moved along the timeline, which yields a different user interface effect" because "The Examiner, cites Figs 3-5, and paragraphs 57-60, and 65 for the aspects of receiving the chapter skip input and moving the at least one image ... and resuming playback. (See Office Action, dated November 9, 2012, p. 3.) Although this text describes how subtitle text will change with a chapter skip, it appears that the present location indicia 320 may be moved to the new chapter demarcation". Examiner respectfully disagrees.

In response to Applicant's argument, it is noted that "in considering the disclosure of a reference, it is proper to take into account not only specific teachings of the reference but also the inferences which one skilled in the art would reasonably be expected to draw therefrom." *In re Preda*, 401 F.2d 825, 826, 159 USPQ 342, 344 (CCPA 1968).

Ekstrand teaches "moving the at least one image from each chapter one position along the line with respect to the focus identifier". In paragraphs [0063]-[0064] and fig. 5, Ekstrand discloses "third through fifth chapter marks 410c-e are displayed below" and displaying "snapshots" of chapter markers. Since user can "jump the present playback location to a previous or forwardly", as such a person skilled in art can reasonably draw that chapter image positions are moved along the line.

Conclusion

It is noted that any citation to specific pages, columns, lines, or figures in the prior art references and any interpretation of the references should not be considered to be limiting in any way. A reference is relevant for all it contains and may be relied upon for all that it would have reasonably suggested to one having ordinary skill in the art. *In re Heck*, 699 F.2d 1331, 1332-33, 216 U.S.P.Q. 1038, 1039 (Fed. Cir. 1983) (quoting *In re Lemelson*, 397 F.2d 1006, 1009, 158 U.S.P.Q. 275, 277 (C.C.P.A. 1968)).

THIS ACTION IS MADE FINAL. 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 mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JEANETTE J. PARKER whose telephone number is (571)270-3647. The examiner can normally be reached on Monday - Thursday (9:00 AM -5:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Bashore can be reached on 571-272-4088. 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.

/JEANETTE J PARKER/
Examiner, Art Unit 2175

/William Bashore/
Supervisory Patent Examiner, Art Unit 2175

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BIB DATA SHEET

CONFIRMATION NO. 1064

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
12/906,941	10/18/2010 RULE	715	2175	26629-17392

APPLICANTS

Todd E. Duffin, Bellevue, WA;
Todd R. Malsbary, Seattle, WA;
Mark E. Phillips, Seattle, WA;

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

This appln claims benefit of 61/253,792 10/21/2009

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

**** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ****

10/29/2010

Foreign Priority claimed ☐ Yes ☑ No 35 USC 119(a-d) conditions met ☐ Yes ☑ No Verified and Acknowledged /DAEOO LEE/ Examiner's Signature	☐ Met after Allowance Initials	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
		WA	8	15	3

ADDRESS

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

TITLE

CONTEXTUAL CHAPTER NAVIGATION

FILING FEE RECEIVED		
1220	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

BIB (Rev. 05/07).

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12906941	DUFFIN ET AL.
	Examiner	Art Unit
	DAEOO LEE	2175

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
715	719	11/3/2012	D. Lee

SEARCH NOTES		
Search Notes	Date	Examiner
Inventor Search	11/3/2012	D. Lee
EAST Search	11/3/2012	D. Lee

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

/D.L./ Examiner.Art Unit 2175	

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

Application Number	12906941
Filing Date	2010-10-18
First Named Inventor	Todd E. Duffin et al.
Art Unit	2175
Examiner Name	Daeoo Lee
Attorney Docket Number	MDIP-1-2407

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	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.P./

Receipt date: 05/03/2013	Application Number	12906941 12906941 - GAU: 2175
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99)**	Filing Date	2010-10-18
	First Named Inventor	Todd E. Duffin et al.
	Art Unit	2175
	Examiner Name	Daeoo Lee
	Attorney Docket Number	MDIP-1-2407

	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	20090313432	A1	2009-12-17	Spence et al.	
	10	20100293581	A1	2010-11-18	Robert	
	11	20110091187	A1	2011-04-21	Duffin et al.	
	12	20110093622	A1	2011-04-21	Hahn et al.	
	13	20120124390	A1	2012-05-17	Zipperer et al.	
	14	20120254629	A1	2012-10-04	Zipperer et al.	

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Receipt date: 05/03/2013	Application Number	12906941 12906941 - GAU: 2175
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date	2010-10-18
	First Named Inventor	Todd E. Duffin et al.
(Not for submission under 37 CFR 1.99)	Art Unit	2175
	Examiner Name	Daeoo Lee
	Attorney Docket Number	MDIP-1-2407

	15	20120315019	A1	2012-12-13	Zipperer et al.	
	16	20120324244	A1	2012-12-20	Zipperer et al.	

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	1	YOUNG; International Search Report for PCT/US07/22007; mailed May 5, 2008; 1 page	☐

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EXAMINER SIGNATURE

Examiner Signature	/Jeanette Parker/	Date Considered	05/09/2013

*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.

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Receipt date: 05/03/2013	Application Number	12906941 12906941 - GAU: 2175
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99)**	Filing Date	2010-10-18
	First Named Inventor	Todd E. Duffin et al.
	Art Unit	2175
	Examiner Name	Daeoo Lee
	Attorney Docket Number	MDIP-1-2407

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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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.

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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"12906941"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/09 16:41
S2	2	duffin adj todd.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/09 16:53
S3	4	malsbary adj todd.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/09 16:53
S4	270	phillips adj mark.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/09 16:53
S5	0	phillips adj mark.in. and seattle.aaci.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/09 16:54
S6	0	(phillips adj mark.in.) and (seattle.aaci.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/09 16:55
S7	4	(phillips adj mark.in.) and (WA.asst.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/09 16:56
S8	288	715/720.ccls.	US-PGPUB;	OR	ON	2013/05/09

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			16:56
S9	22	"6697944".pn. "6859791".pn. "7779064".pn. "20030220835" "20040010601" "20050044280" "20060156355" "20080075437" "20080133546" "20080271154" "20090164709" "20090313432" "20100293581" "20110091187" "20110093622" "20120124390" "20120254629" "20120315019" "20120324244"	US-PGPUB; USPAT	OR	ON	2013/05/09 17:00
S10	3	"20090282454" "20100262912"	US-PGPUB; USPAT	OR	ON	2013/05/09 17:00
S11	5	"20090282454" "20100262912"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/10 11:55
S12	1	"6697944".pn.	US-PGPUB; USPAT	OR	ON	2013/05/10 15:41
S13	201	chapter$1 with (navigation navigat$3) with video	US-PGPUB; USPAT	OR	ON	2013/05/14 15:18
S14	26	(chapter$1 with (navigation navigat$3) with video) and (skip with (backward forward))	US-PGPUB; USPAT	OR	ON	2013/05/14 16:33
S15	7	(chapter$1 with (navigation navigat$3) with video) and (skip with (backward forward)) and (mov$3 with image)	US-PGPUB; USPAT	OR	ON	2013/05/14 16:35
S16	7	(chapter$1 with (navigation navigat$3) with video) and (skip with (backward forward)) and (mov$3 with image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/14 16:39
S17	26	(chapter$1 with (navigation navigat$3) with video) and (skip with (backward forward))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/14 16:39

5/15/2013 12:02:09 PM
C:\Users\jparker1\Documents\EAST\Workspaces\A12906941 - Contextual chapter navigation.wsp

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12906941	DUFFIN ET AL.
	Examiner	**Art Unit**
	DAEOO LEE	2175

✓	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	11/03/2012	05/15/2013							
	1	✓	✓							
	2	✓	✓							
	3	✓	✓							
	4	✓	✓							
	5	✓	✓							
	6	✓	✓							
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	8	✓	✓							
	9	✓	✓							
	10	✓	✓							
	11	✓	✓							
	12	✓	✓							
	13	✓	✓							
	14	✓	✓							
	15	✓	✓							

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	Todd E. Duffin et al.
Application No.	:	12/906,941
Filed	:	October 18, 2010
For	:	CONTEXTUAL CHAPTER NAVIGATION

Examiner	:	Jeanette Parker
Art Unit	:	2175
Docket No.	:	MDIP-1-2407
Date	:	August 24, 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 May 24, 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 7 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) A method for navigating a plurality of chapters of video content within a video, the method comprising:

reading from a chapter index stored with the video a beginning location in the video content for each of a plurality of chapters of the video as initially configured and stored on a secure digital card~~a media storage device without modification~~, the chapter index stored as part of metadata stored with the video on the secure digital card, each chapter comprising a segment of content of the video;

presenting, during continuous playback of a video, an on-screen display to a user, the on-screen display including a timeline having a demarcation for the beginning of each of the plurality of chapters of the video and having a marker corresponding to a current position in the video playback, and the on-screen display including at least one image from each of the plurality of chapters displayed in order in a line, wherein a focus identifier marks an image of a chapter corresponding to the current position within the continuous video playback;

receiving a chapter skip input during the continuous playback of the video;

moving the at least one image from each chapter one position along the line with respect to the focus identifier, according to the chapter skip input, wherein the one image is moved to the left when the chapter skip input indicates a skip forward and wherein the one image is moved to the right when the chapter skip input indicates a skip backward;

skipping playback of the video to a chapter identified by the focus identifier such that the video playback continues from the position of the chapter identified by the focus identifier.

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2. (Originally) The method of claim 1, wherein the on-screen display includes a video preview from at least one of the plurality of chapters of the video that is displayed in order in the line with the rest of the at least one images from the rest of the plurality of chapters.

3. (Originally) The method of claim 1, wherein the video comprises secured media content on a flash memory device.

4. (Originally) The method of claim 3, further comprising:

initiating playback of the video from the flash memory device;

reading metadata from the flash memory device;

matching the read metadata from the flash memory device with the video; and

assembling the video and the metadata in a memory structure to retrieve for playback and display.

5. (Originally) The method of claim 1, wherein the metadata comprises chapter titles, chapter start times and location on the flash memory device.

6. (Currently Amended) A computer readable medium storing instructions thereon, the instructions when executed causing at least one processor to:

read from a chapter index associated with a video a beginning location in the video content for each of a plurality of chapters of the video as initially configured and stored on a secure digital card~~media storage device without modification~~, the chapter index stored as part of metadata stored with the video on the secure digital card, each chapter comprising a segment of content of the video;

present, during continuous playback of a video, an on-screen display to a user, the on-screen display including a timeline having a demarcation for the beginning of each of the plurality of chapter of the video and having a marker corresponding to a current position in the video playback, and the on-screen display including one image from each of the plurality of

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chapters displayed in order in a line, wherein a focus identifier marks an image of a chapter corresponding to the current position within the continuous video playback;

receive a chapter skip input during the continuous playback of the video;

move the at least one image from each chapter one position along the line with respect to the focus identifier, according to the chapter skip input, wherein the one image is moved to the left when the chapter skip input indicates a skip forward and wherein the one image is moved to the right when the chapter skip input indicates a skip backward;

skipping playback of the video to a chapter identified by the focus identifier such that the video playback continues from the position of the chapter identified by the focus identifier.

7. (Originally) The computer readable computer medium of claim 6, wherein the on-screen display includes a video preview from at least one of the plurality of chapters of the video that is displayed in order in the line with the rest of the at least one images from the rest of the plurality of chapters.

8. (Originally) The computer readable computer medium of claim 6, wherein the video comprises secured media content on a flash memory device.

9. (Originally) The computer readable computer medium of claim 8, further comprising instructions that cause the at least one processor to:

initiate playback of the video from the flash memory device;

read metadata from the flash memory device;

match the read metadata from the flash memory device with the video; and

assemble the video and the metadata in a memory structure to retrieve for playback.

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10. (Originally) The computer readable computer medium of claim 6, wherein the metadata comprises chapter titles, chapter start times and location on the flash memory device.

11. (Currently Amended) An apparatus for navigating a plurality of chapters of video content within a video, the apparatus comprising:

a video screen; and

a processor, the processor configured to execute:

a chapter presentation module, configured to:

read from a chapter index associated with the video a beginning location in the video content for each of a plurality of chapters of the video as initially configured and stored on a secure digital card~~media storage device without modification~~, the chapter index stored as part of metadata stored with the video on the secure digital card, each chapter comprising a segment of content of the video; and

present, during continuous playback of a video, an on-screen display on the video screen, the on-screen display including a timeline having a demarcation for the beginning of each of the plurality of chapters of the video and having a marker corresponding to a current position in the video playback, and the on-screen display including at least one image from each of the plurality of chapters displayed in order in a line, wherein a focus identifier marks an image of a chapter corresponding to the current position within the continuous video playback;

a receive module configured to receive a chapter skip input during the continuous playback of the video;

a move module configured to move the at least one image from each chapter one position along the line with respect to the focus identifier, according to the chapter skip input, wherein the one image is moved to the left when the chapter skip input indicates a skip forward and wherein the one image is moved to the right when the chapter skip input indicates a skip backward; and

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a resume module for skipping playback of the video to a chapter identified by the focus identifier such that the video playback continues from the position of the chapter identified by the focus identifier.

12. (Originally) The apparatus of claim 11, wherein the on-screen display includes a video preview from at least one of the plurality of chapters of the video that is displayed in order in the line with the rest of the at least one images from the rest of the plurality of chapters.

13. (Originally) The apparatus of claim 11, further comprising a secured digital memory device interface, the secured digital memory device interface for receiving a secured media memory device having the video.

14. (Originally) The apparatus of claim 13, wherein the processor is further configured to execute:

a playback module for initiating playback of the video from the secured digital memory device;

a reading module for reading metadata from the secured digital memory device;

a match module for matching the read metadata from the secured digital memory device with the video; and

an assembly module for assembling the video and the metadata in a memory structure to retrieve for playback and display.

15. (Originally) The apparatus of claim 11, wherein the metadata comprises chapter titles, chapter start times and location on the flash memory device

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REMARKS

Claims 1-15 are pending in this application. No claims have been canceled. Applicant has amended claims 1, 6, and 11 to continue to clarify the intended scope of the claims and to address typographical and stylistic issues. Namely, the independent claims have been amended to clarify that the chapters are fixed chapters of video content as they are originally stored on a secure digital card along with metadata and that the video content plays continuously while the on-screen display is presented to the user. No new matter has been introduced by way of these amendments. In particular, support for these amendments can be found at least in Applicant's specification in paragraphs, 30-44.

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, 6, and 11 in any aspect, as the amended subject matter addresses further that the content and metadata are located on a secure digital ("SD") card, 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 that, as part of this program, the Examiner contact Applicant to conduct an interview so that appropriate language can be agreed upon in furtherance of allowance if the above amendments are insufficient.

Rejections Under 35 U.S.C. § 112

The Examiner has rejected claims 1-15 under 35 U.S.C. § 112, first paragraph as failing to comply with written description requirement. Specification, the Examiner has indicated that the limitation "without modification" as recited in claims 1, 6 and 11 are not supported by the specification. The Examiner states that this language cannot be found in paragraphs 30-31 and 33-34 recited by Applicant. Applicant disagrees. First, the paragraphs cited were examples of support for the amendments – not just this word. Support is found in multiple places which show that the chapter index is stored along with the video as it is originally presented on the media device, and thus apparent that it is "without modification" as the amendments recite. This is in contrast to the cited reference which teaches to "generate

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addressable chapter marks" to skip over advertising present in the media content. Second, it is not necessary for a phrase to be found verbatim in Applicant's specification provided there is support for that phrase. As stated in paragraph [0041], "the player software reads the chapter index from the DVD." This is clearly without modification.

Nonetheless, in the interests of furthering prosecution towards allowance, Applicant has now amended the independent claims to recite

> read[ing] from a chapter index associated with a video a beginning location in the video content for each of a plurality of chapters of the video ***as initially configured and stored on a secure digital card***, the chapter index stored as part of metadata stored with the video on the secure digital card,

or similar language. (Emphasis added.) Support for these amendments can be found, amongst other places, in Applicant's Specification, paragraphs [0038]-[0041] and Figures 4-6 and associated text.

Accordingly, Applicant respectfully requests withdrawal of this rejection.

Rejections Under 35 U.S.C. § 103

The Examiner has rejected claims 1-15 under 35 U.S.C. § 103(a) as rendered obvious over U.S. Patent Publication No. 2009/0282454 issued to Ekstrand ("Ekstrand") in view of U.S. Patent Publication No. 2010/0262912 issued to Cha ("Cha"). In essence, the Examiner asserts that Ekstrand describes Applicant's on-screen display because it presents a timeline and allows a user to jump between "chapters."

Applicant respectfully traverses this rejection with respect to the amended and original claims as indicated.

In particular, Ekstrand's chapters and the locations of chapter start and end locations are not derived in the same way as Applicant's and are thus not comparable. In particular, the video content in Ekstrand comes from "broadcast program/movie video over the air from a terrestrial and/or satellite transmitter." (Ekstrand, para. [0047].) "Advertising content and program/movie content can alternatively and repetitively occur in the received broadcast." (Ekstrand, para. [0050].) The purpose of the Ekstrand system is to allow a user to skip over such advertising by:

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> ... generat[ing] addressable chapter marks at locations that correspond to the identified locations of the advertising content [and] cause the video storage module 246 to record the generated addressable chapter marks into the memory 260 ...
>
> The chapter mark insertion unit 244 con be configured to remove and replace each instance of the advertising content of the received video stream with a corresponding one of the addressable chapter marks *to generate a modified video stream*. ... or into the video stream at locations that are adjacent to an end/start location of each instance of the advertising content *to generate the modified video stream* ... [or] can insert the chapter marks into an address look-up table that *is recorded within a same memory file in the memory 260 that contains* the video stream.

(Ekstrand, para. [0050]-[0051], (emphasis added).) In all such cases, the video content is modified in order to generate the beginning location and end location of each chapter that doesn't include the advertisements. This is only technologically possible because the video content is coming from a broadcast video stream.

In contrast, Applicant's claims recite the ability to read a chapter index that is stored with the video from the onset. This is clearly the case with the "fixed" video content that is shipped on a secure media device such as a security digital card as described in Applicant's Specification. Although the words "from the onset" are not verbatim in Applicant's Specification, one of ordinary skill in the art would recognize the SD and DVD technology operate in this manner (as described, for example, in Figures 4 and 5). For example, the chapter titles, chapter start times and locations as found as part of the video, for example, as stored on a flash memory device such as an SD card. (See Applicant's Specification, para. [0022].) These are not generated chapter start times and locations – they can be read straight from the metadata associated with the video content that is stored as part of the video. (See Specification, para. [0038].) As such, the video as originally stored can be continuously played back while presenting the on-screen display for skipping chapters of video content. (Specification, para. [0030].)

Applicant asserts that Applicant's claims before amendment were thus distinguished from Ekstrand.

However, in the interests of further of prosecution, Applicant has amended the independent claims to recite that the chapter index being used for displaying locations on a

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timeline is *read from the device* not from a modified version of a video stream. Moreover, the claim has also been amended to recite that the "chapter index is stored as part of metadata stored with the video on the secure digital card." Specifically, independent claims 1, 6, and 11 (and dependent claims 2-5, 7-10, and 12-15) as amended now recite,

> read[ing] from a ***chapter index*** associated with a video a beginning location in the video content for each of a plurality of chapters of the video ***as initially configured and stored on a secure digital card***, ***the chapter index stored as part of metadata stored with the video on the secure digital card***,

or similar language. (Emphasis added.) Clearly this aspect is nowhere present in Ekstrand. Thus, there is at least one aspect not taught or suggested by the cited references, alone or in any motivated combination, and thus claims 1-15 are distinguishable.

In addition, although the Examiner argues otherwise, Ekstrand does not teach or suggest that the video is continuously played back while the timeline is being navigated by the user. (Office Action, dated May 24, 2013, p. 7, hereinafter "Office Action.") The Examiner refers to paragraph [0055] which states specifically that " FIG. 3 shows exemplary graphics that may be displayed by the video storage/playback module 246 on the display 228 during playback of a video stream The displayed graphics include a video playback timeline 300." (Office Action, p. 7.) This does not say that the playback is continuous while "receiving a chapter skip input during the continuous playback of the video" as recited in Applicant's claims. Rather, it states that the timeline is shown during playback of the video stream. It does not address what happens when the user presses a user interface that manipulates the timeline.

Applicant reminds the Examiner that reading the reference in hindsight based upon Applicant's disclosure and nothing else is inappropriate. The Examiner is not free to fill such gaps with hindsight using Applicant's claims as a template. *Mintz v. Dietz & Watson, Inc.*, 679 F.3d 1372, 1377 (Fed. Cir. 2012) ("The district court has used the invention to define the problem that the invention solves."); *In re Fine*, 837 F.2d 1071, 1075 (Fed. Cir. 1988) (warning against "the insidious effect of a hindsight syndrome wherein that which only the inventor taught is used against its teacher"); *see also*, MPEP 2142 ("impermissible hindsight must be avoided and the legal conclusion must be reached on the basis of the facts gleaned from the prior art," emphasis added).

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Similarly, the Examiner argues, but the reference does not describe or suggest, that "at least one image from each chapter [is moved] one position along the line with respect to the focus identifier" as recited by Applicant's claims. The Examiner argues that the movement of the subtitle text when a chapter is skipped does this. (Office Action, p. 9.) However moving the "present location indicia 320 ... to the new chapter demarcation" does not necessarily move images. The operation of Ekstrand does not require this interpretation and the Examiner is not free to fill in such gaps without more. Thus, neither Ekstrand nor Cha appear to describe that the images are moved along the timeline, which yields a different user interface effect.

For the record, Applicant incorporates all of its prior arguments regarding other aspects of the claims that are not taught, suggested, or motivated by Ekstrand or Cha.

Accordingly, because at least one aspect is present in all of Applicant's claims that is not taught, suggested, or motivated by the references, alone or in any motivated combination, claims 1-15 are not anticipated or obvious in view of Ekstrand or Cha.

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.

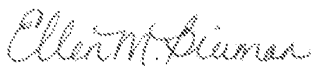
Conclusion

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

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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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Doc Code: A.NE.AFCP
Document Description: After Final Consideration Pilot Program Request

PTO/SB/434 (05-13)

CERTIFICATION AND REQUEST FOR CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0

Practitioner Docket No.:	Application No.:	Filing Date:
MDIP-1-2407	12/906,941	October 18, 2010
First Named Inventor:	**Title:**	
Todd E. Duffin et al.	CONTEXTUAL CHAPTER NAVIGATION	

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 (*e.g.*, 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, *e.g.*, 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.e.*, 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, *e.g.*, 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	Date
/Ellen M. Bierman/	August 26, 2013
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 1 forms are submitted.

Privacy Act Statement

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

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

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3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
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:	16691929
Application Number:	12906941
International Application Number:	
Confirmation Number:	1064
Title of Invention:	CONTEXTUAL CHAPTER NAVIGATION
First Named Inventor/Applicant Name:	Todd E. Duffin
Customer Number:	25315
Filer:	Ellen M Bierman
Filer Authorized By:	
Attorney Docket Number:	26629-17392
Receipt Date:	26-AUG-2013
Filing Date:	18-OCT-2010
Time Stamp:	23:22:51
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-1-2407AM02-Final.pdf	310162 030ec3312befcbaecde2b3e0be5f15d958bff03a	yes	12

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Response After Final Action	1	1
	Claims	2	6
	Applicant Arguments/Remarks Made in an Amendment	7	12

Warnings:					
Information:					
2	After Final Consideration Program Request	MDIP-1-2407AFCP.pdf	227589 28099841fa20d9e43ebbc2243787ee2c19e1aeee	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	537751		

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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.

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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.

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

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 12/906,941	Filing Date 10/18/2010	☐ 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

AMENDMENT	08/26/2013	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 15	Minus	** 20	= 0	X $80 =	0
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $420 =	0
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	0

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

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

LIE
/DALE A. HALL/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
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PLUS Search Results for S/N 12906941, Searched Wed Sep 11 09:15:05 EDT 2013

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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PTO/SB/30EFS (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	12/906,941	Filing Date	2010-10-18	Docket Number (if applicable)	MDIP-1-2401	Art Unit	2175
First Named Inventor	Todd E. Duffin			Examiner Name	Jeanette Parker		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

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

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

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

☐ Other _____

☒ Enclosed

☒ Amendment/Reply

☒ Information Disclosure Statement (IDS)

☐ Affidavit(s)/ Declaration(s)

☒ Other RCE Filing Fees plus Extension of Time (1 Month), NPL

MISCELLANEOUS

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

☐ Other _____

FEES

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

☒ The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 501050

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

☐ Applicant Signature

PTO/SB/30EFS (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Signature of Registered U.S. Patent Practitioner			
Signature	/Ellen M. Bierman/	Date (YYYY-MM-DD)	2013-09-24
Name	Ellen M. Bierman	Registration Number	38079

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

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

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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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	Todd E. Duffin et al.
Application No.	:	12/906,941
Filed	:	October 18, 2010
For	:	CONTEXTUAL CHAPTER NAVIGATION

Examiner	:	Jeanette Parker
Art Unit	:	2175
Docket No.	:	MDIP-1-2407
Date	:	September 24, 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 May 24, 2013, please extend the period of time for response one month, to expire on September 24, 2013. Enclosed are a Petition for an Extension of Time and the requisite fee. 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 8 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) A method for navigating a plurality of chapters of video content within a video, the method comprising:

reading from a chapter index stored with the video a beginning location in the video content for each of a plurality of chapters of the video as initially configured and stored on a secure digital card~~a media storage device without modification~~, the chapter index stored as part of metadata stored with the video on the secure digital card, each chapter comprising a segment of content of the video;

presenting, during continuous playback of a video, an on-screen display to a user, the on-screen display including a timeline having a demarcation for the beginning of each of the plurality of chapters of the video and having a marker corresponding to a current position in the video playback, the timeline assembled from the chapter index stored as part of the metadata, and the on-screen display including at least one image from each of the plurality of chapters displayed in order in a line, wherein a focus identifier marks an image of a chapter corresponding to the current position within the continuous video playback;

receiving a chapter skip input during the continuous playback of the video;

moving the at least one image from each chapter one position along the line with respect to the focus identifier, according to the chapter skip input, wherein the one image is moved to the left when the chapter skip input indicates a skip forward and wherein the one image is moved to the right when the chapter skip input indicates a skip backward;

skipping playback of the video to a chapter identified by the focus identifier such that the video playback continues from the position of the chapter identified by the focus identifier.

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2. (Originally) The method of claim 1, wherein the on-screen display includes a video preview from at least one of the plurality of chapters of the video that is displayed in order in the line with the rest of the at least one images from the rest of the plurality of chapters.

3. (Originally) The method of claim 1, wherein the video comprises secured media content on a flash memory device.

4. (Originally) The method of claim 3, further comprising:

initiating playback of the video from the flash memory device;

reading metadata from the flash memory device;

matching the read metadata from the flash memory device with the video; and

assembling the video and the metadata in a memory structure to retrieve for playback and display.

5. (Originally) The method of claim 1, wherein the metadata comprises chapter titles, chapter start times and location on the flash memory device.

6. (Currently Amended) A computer readable medium storing instructions thereon, the instructions when executed causing at least one processor to:

read from a chapter index associated with a video a beginning location in the video content for each of a plurality of chapters of the video as initially configured and stored on a secure digital card~~media storage device without modification~~, the chapter index stored as part of metadata stored with the video on the secure digital card, each chapter comprising a segment of content of the video;

present, during continuous playback of a video, an on-screen display to a user, the on-screen display including a timeline having a demarcation for the beginning of each of the plurality of chapter of the video and having a marker corresponding to a current position in the video playback, the timeline assembled from the chapter index stored as part of the metadata,

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and the on-screen display including one image from each of the plurality of chapters displayed in order in a line, wherein a focus identifier marks an image of a chapter corresponding to the current position within the continuous video playback;

receive a chapter skip input during the continuous playback of the video;

move the at least one image from each chapter one position along the line with respect to the focus identifier, according to the chapter skip input, wherein the one image is moved to the left when the chapter skip input indicates a skip forward and wherein the one image is moved to the right when the chapter skip input indicates a skip backward;

skipping playback of the video to a chapter identified by the focus identifier such that the video playback continues from the position of the chapter identified by the focus identifier.

7. (Originally) The computer readable computer medium of claim 6, wherein the on-screen display includes a video preview from at least one of the plurality of chapters of the video that is displayed in order in the line with the rest of the at least one images from the rest of the plurality of chapters.

8. (Originally) The computer readable computer medium of claim 6, wherein the video comprises secured media content on a flash memory device.

9. (Originally) The computer readable computer medium of claim 8, further comprising instructions that cause the at least one processor to:

initiate playback of the video from the flash memory device;

read metadata from the flash memory device;

match the read metadata from the flash memory device with the video; and

assemble the video and the metadata in a memory structure to retrieve for playback.

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10. (Originally) The computer readable computer medium of claim 6, wherein the metadata comprises chapter titles, chapter start times and location on the flash memory device.

11. (Currently Amended) An apparatus for navigating a plurality of chapters of video content within a video, the apparatus comprising:

a video screen; and

a processor, the processor configured to execute:

a chapter presentation module, configured to:

read from a chapter index associated with the video a beginning location in the video content for each of a plurality of chapters of the video as initially configured and stored on a secure digital card~~media storage device without modification~~, the chapter index stored as part of metadata stored with the video on the secure digital card, each chapter comprising a segment of content of the video; and

present, during continuous playback of a video, an on-screen display on the video screen, the on-screen display including a timeline having a demarcation for the beginning of each of the plurality of chapters of the video and having a marker corresponding to a current position in the video playback, the timeline assembled from the chapter index stored as part of the metadata, and the on-screen display including at least one image from each of the plurality of chapters displayed in order in a line, wherein a focus identifier marks an image of a chapter corresponding to the current position within the continuous video playback;

a receive module configured to receive a chapter skip input during the continuous playback of the video;

a move module configured to move the at least one image from each chapter one position along the line with respect to the focus identifier, according to the chapter skip input, wherein the one image is moved to the left when the chapter skip input indicates a skip forward and wherein the one image is moved to the right when the chapter skip input indicates a skip backward; and

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a resume module for skipping playback of the video to a chapter identified by the focus identifier such that the video playback continues from the position of the chapter identified by the focus identifier.

12. (Originally) The apparatus of claim 11, wherein the on-screen display includes a video preview from at least one of the plurality of chapters of the video that is displayed in order in the line with the rest of the at least one images from the rest of the plurality of chapters.

13. (Originally) The apparatus of claim 11, further comprising a secured digital memory device interface, the secured digital memory device interface for receiving a secured media memory device having the video.

14. (Originally) The apparatus of claim 13, wherein the processor is further configured to execute:

a playback module for initiating playback of the video from the secured digital memory device;

a reading module for reading metadata from the secured digital memory device;

a match module for matching the read metadata from the secured digital memory device with the video; and

an assembly module for assembling the video and the metadata in a memory structure to retrieve for playback and display.

15. (Currently Amended) The apparatus of claim 11, wherein the metadata comprises chapter titles, chapter start times and location on the flash memory device.

16. (New) The apparatus of claim 11 wherein the timeline and the at least one image from each of the plurality of chapters displayed in order in a line are displayed vertically on the video screen.

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17. (New) The method of claim 1 wherein the timeline and the at least one image from each of the plurality of chapters displayed in order in a line are displayed vertically.

18. (New) The method of claim 1 wherein the timeline and and the at least one image from each of the plurality of chapters displayed in order in a line are displayed as an overlay in the foreground during the continuous playback of the video.

19. (New) The computer readable medium of claim 6 wherein the timeline and the at least one image from each of the plurality of chapters displayed in order in a line are displayed vertically.

20. (New) The computer readable medium of claim 6 wherein the timeline and the at least one image from each of the plurality of chapters displayed in order in a line are displayed as an overlay in the foreground during the continuous playback of the video/

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REMARKS

Claims 1-20 are pending in this application. No claims have been canceled. Applicant has amended claims 1, 6, 11, 15 to continue to clarify the intended scope of the claims and to address typographical and stylistic issues. Namely, the independent claims have been amended to clarify that the chapters are fixed chapters of video content as they are originally stored on a secure digital card along with metadata and that the video content plays continuously while the on-screen display is presented to the user. New claims 16-20 have been added to claim aspects of how the timeline and images are displayed. No new matter has been introduced by way of these amendments. In particular, support for these amendments can be found at least in Applicant's specification in paragraphs, 23 and 30-44.

Applicant respectfully requests that the Examiner contact Applicant to conduct an interview so that appropriate language can be agreed upon in furtherance of allowance if the above amendments are insufficient.

Interview Summary

Applicant's representative thanks the Examiner for her time, courtesy, and effort extended during a recent telephonic interview on September 11, 2013. In that interview, although no agreement was reached, the Examiner indicated that it is likely the "metadata" aspect added to the claims will overcome the currently cited references. Also, consistent with that interview, Applicant has added additional language linking the timeline to the metadata.

Rejections Under 35 U.S.C. § 112

The Examiner has rejected claims 1-15 under 35 U.S.C. § 112, first paragraph as failing to comply with written description requirement. Specification, the Examiner has indicated that the limitation "without modification" as recited in claims 1, 6 and 11 are not supported by the specification. The Examiner states that this language cannot be found in paragraphs 30-31 and 33-34 recited by Applicant. Applicant disagrees. First, the paragraphs cited were examples of support for the amendments – not just this phrase. Support is found in

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multiple places which show that the chapter index is stored along with the video as it is originally presented on the media device, and thus apparent that it is "without modification" as the amendments recite. This is in contrast to the cited reference which teaches to "generate addressable chapter marks" to skip over advertising present in the media content. Second, it is not necessary for a phrase to be found verbatim in Applicant's specification provided there is support for that phrase. As stated in paragraph [0041], "the player software reads the chapter index from the DVD." This clearly supports the phrase "without modification" as would be understood by one of ordinary skill in the art.

Nonetheless, in the interests of furthering prosecution towards allowance, Applicant has now amended the independent claims to recite

> read[ing] from a chapter index associated with a video a beginning location in the video content for each of a plurality of chapters of the video ***as initially configured and stored on a secure digital card***, the chapter index stored as part of metadata stored with the video on the secure digital card,

or similar language. (Emphasis added.) Support for these amendments can be found, amongst other places, in Applicant's Specification, paragraphs [0038]-[0041] and Figures 4-6 and associated text.

Accordingly, Applicant respectfully requests withdrawal of the rejection under 35 U.S.C. §112.

Rejections Under 35 U.S.C. § 103

The Examiner has rejected claims 1-15 under 35 U.S.C. § 103(a) as rendered obvious over U.S. Patent Publication No. 2009/0282454 issued to Ekstrand ("Ekstrand") in view of U.S. Patent Publication No. 2010/0262912 issued to Cha ("Cha"). In essence, the Examiner asserts that Ekstrand describes Applicant's on-screen display because it presents a timeline and allows a user to jump between "chapters."

Applicant respectfully traverses this rejection with respect to the amended and original claims as indicated.

In particular, Ekstrand's chapters and the locations of chapter start and end locations are not derived in the same way as Applicant's and are thus not comparable. In

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particular, the video content in Ekstrand comes from "broadcast program/movie video over the air from a terrestrial and/or satellite transmitter." (Ekstrand, para. [0047].) "Advertising content and program/movie content can alternatively and repetitively occur in the received broadcast." (Ekstrand, para. [0050].) The purpose of the Ekstrand system is to allow a user to skip over such advertising by:

> ... generat[ing] addressable chapter marks at locations that correspond to the identified locations of the advertising content [and] cause the video storage module 246 to record the generated addressable chapter marks into the memory 260 ...
>
> The chapter mark insertion unit 244 con be configured to remove and replace each instance of the advertising content of the received video stream with a corresponding one of the addressable chapter marks *to generate a modified video stream*. ... or into the video stream at locations that are adjacent to an end/start location of each instance of the advertising content *to generate the modified video stream* ... [or] can insert the chapter marks into an address look-up table that *is recorded within a same memory file in the memory 260 that contains* the video stream.

(Ekstrand, para. [0050]-[0051], (emphasis added).) In all such cases, the video content is modified in order to generate the beginning location and end location of each chapter that doesn't include the advertisements. This is only technologically possible because the video content is coming from a broadcast video stream.

In contrast, Applicant's claims recite the ability to read a chapter index that is stored with the video from the onset. This is clearly the case with the "fixed" video content that is shipped on a secure media device such as a security digital card as described in Applicant's Specification. Although the words "from the onset" are not verbatim in Applicant's Specification, one of ordinary skill in the art would recognize the SD and DVD technology operate in this manner (as described, for example, in Figures 4 and 5). For example, the chapter titles, chapter start times and locations as found as part of the video, for example, as stored on a flash memory device such as an SD card. (See Applicant's Specification, para. [0022].) These are not generated chapter start times and locations – they can be read straight from the metadata associated with the video content that is stored as part of the video. (See Specification, para. [0038].) As such, the video as originally stored can be continuously played back while

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presenting the on-screen display for skipping chapters of video content. (Specification, para. [0030].)

Applicant asserts that Applicant's claims before amendment were thus distinguished from Ekstrand.

However, in the interests of further of prosecution, Applicant has amended the independent claims to recite that the chapter index being used for displaying locations on a timeline is *read from the device* not from a modified version of a video stream. Moreover, the claim has also been amended to recite that the "chapter index is stored as part of metadata stored with the video on the secure digital card." Specifically, independent claims 1, 6, and 11 (and dependent claims 2-5, 7-10, and 12-20) as amended now recite,

> read[ing] from a ***chapter index*** associated with a video a beginning location in the video content for each of a plurality of chapters of the video ***as initially configured and stored on a secure digital card***, ***the chapter index stored as part of metadata stored with the video on the secure digital card***,

or similar language. (Emphasis added.) Clearly this aspect is nowhere present in Ekstrand.

In addition, claims independent claims 1, 6, and 11 (and dependent claims 2-5, 7-10, and 12-20) as amended now recite,

> present[ing], during continuous playback of a video, an on-screen display ..., the on-screen display including a timeline ..., ***the timeline assembled from the chapter index stored metadata***,

or similar language. (Emphasis added.) This aspect is also nowhere present in Ekstrand, since the chapter index stored metadata is not taught, suggested, or motivated. Thus, there are at least multiple aspects not taught or suggested by the cited references, alone or in any motivated combination, and therefore claims 1-20 are distinguishable.

In addition, although the Examiner argues otherwise, Ekstrand does not teach or suggest that the video is continuously played back while the timeline is being navigated by the user. (Office Action, dated May 24, 2013, p. 7, hereinafter "Office Action.") The Examiner refers to paragraph [0055] which states specifically that " FIG. 3 shows exemplary graphics that may be displayed by the video storage/playback module 246 on the display 228 during playback of a video stream The displayed graphics include a video playback timeline 300." (Office Action, p. 7.) This does <u>not</u> say that the playback is continuous while "receiving a chapter skip

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input during the continuous playback of the video" as recited in Applicant's claims. Rather, it states that the timeline is *shown* during playback of the video stream. It does not address what happens when the user presses a user interface that manipulates the timeline.

Applicant reminds the Examiner that reading the reference in hindsight based upon Applicant's disclosure and nothing else is inappropriate. The Examiner is not free to fill such gaps with hindsight using Applicant's claims as a template. *Mintz v. Dietz & Watson, Inc.*, 679 F.3d 1372, 1377 (Fed. Cir. 2012) ("The district court has used the invention to define the problem that the invention solves."); *In re Fine*, 837 F.2d 1071, 1075 (Fed. Cir. 1988) (warning against "the insidious effect of a hindsight syndrome wherein that which only the inventor taught is used against its teacher"); *see also*, MPEP 2142 ("impermissible hindsight must be avoided and the legal conclusion must be reached on the basis of the facts gleaned from the prior art," emphasis added).

Similarly, the Examiner argues, but the reference does not describe or suggest, that "at least one image from each chapter [is moved] one position along the line with respect to the focus identifier" as recited by Applicant's claims. The Examiner argues that the movement of the subtitle text when a chapter is skipped does this. (Office Action, p. 9.) However moving the "present location indicia 320 ... to the new chapter demarcation" does not necessarily move images. The operation of Ekstrand does not require this interpretation and the Examiner is not free to fill in such gaps without more. Thus, neither Ekstrand nor Cha appear to describe that the images are moved along the timeline, which yields a different user interface effect.

For the record, Applicant incorporates all of its prior arguments regarding other aspects of the claims that are not taught, suggested, or motivated by Ekstrand or Cha.

Accordingly, because at least one aspect is present in all of Applicant's claims that is not taught, suggested, or motivated by the references, alone or in any motivated combination, claims 1-20 are not anticipated or obvious in view of Ekstrand or Cha.

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.

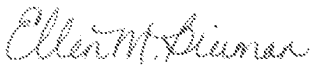
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Additional arguments for a variety of the other dependent claims are not addressed in more detail herein. Accordingly, Applicant notes for the record that all such assertions are traversed and reserves the right to further present arguments regarding 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.

LOWE GRAHAM JONES PLLC



Ellen M. Bierman
Registration No. 38,079

EMB

LOWE GRAHAM JONES PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

PTO/SB/22 (03-13)
Approved for use through 3/31/2013. OMB 0651-0031
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PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)	Docket Number (Optional) MDIP-1-2407
Application Number 12/906,941	Filed 2010-10-18
For CONTEXTUAL CHAPTER NAVIGATION	
Art Unit 2175	Examiner Jeanette Parker

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

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

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

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

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

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

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

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

☑ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 501050.

☑ Payment made via EFS-Web.

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

I am the

☐ applicant/inventor.

☐ assignee of record of the entire interest. See 37 CFR 3.71. 37 CFR 3.73(b) statement is enclosed (Form PTO/SB/96).

☑ attorney or agent of record. Registration number 38,079.

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

/Ellen M. Bierman/	2013-09-24
Signature	Date
Ellen M. Bierman	206-381-3300
Typed or printed name	Telephone Number

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

☑ * Total of 1 forms are submitted.

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

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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.

PTO/SB/08a (01-10)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	12906941
Filing Date	2010-10-18
First Named Inventor	Todd E Duffin et al.
Art Unit	2175
Examiner Name	Jeanette Parker
Attorney Docket Number	MDIP-1-2407

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	7360088	B2	2008-04-15	Mishina et al.	
	2	7505584	B2	2009-03-17	Kamibayashi et al.	
	3	7844831	B2	2010-11-30	Benhammou et al.	
	4	8312294	B2	2012-11-13	Sato et al.	
	5	RE42019	E	2010-12-28	Tagawa et al.	
	6	8306918	B2	2012-11-06	Farrugia	

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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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12906941
	Filing Date	2010-10-18
	First Named Inventor	Todd E Duffin et al.
	Art Unit	2175
	Examiner Name	Jeanette Parker
	Attorney Docket Number	MDIP-1-2407

	1	20020126841	A1	2002-09-12	Arai	
	2	20070033344	A1	2007-02-08	Tanaka	
	3	20070234341	A1	2007-10-04	Chang et al.	
	4	20080098239	A1	2008-04-24	Wada et al.	
	5	20080270796	A1	2008-10-30	Suu et al.	
	6	20100297933	A1	2010-11-25	Sim	
	7	20120137135	A1	2012-05-31	Kasahara et al.	
	8	20120272065	A1	2012-10-25	Matsukawa et al.	
	9	20040006690	A1	2004-01-08	Du	
	10	20070192634	A1	2007-08-16	Cheon	
	11	20100127013	A1	2010-05-27	Butler	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12906941
	Filing Date	2010-10-18
	First Named Inventor	Todd E Duffin et al.
	Art Unit	2175
	Examiner Name	Jeanette Parker
	Attorney Docket Number	MDIP-1-2407

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	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]
	1	Android Developers Guide, Android Software Developers Kit (SDK), Android Version 1.543, Nov. 13, 2009, pages 1-24. Available online at >netmite.com/android/mydroid/1.6/out/target/common/docs/offline-sdk/offline.html<	☐

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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.

[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	12906941
	Filing Date	2010-10-18
	First Named Inventor	Todd E Duffin et al.
	Art Unit	2175
	Examiner Name	Jeanette Parker
	Attorney Docket Number	MDIP-1-2407

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)	2013-09-24
Name/Print	Ellen M. Bierman	Registration Number	38,079

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

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

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Electronic Patent Application Fee Transmittal	
Application Number:	12906941
Filing Date:	18-Oct-2010
Title of Invention:	CONTEXTUAL CHAPTER NAVIGATION
First Named Inventor/Applicant Name:	Todd E. Duffin
Filer:	Ellen M Bierman
Attorney Docket Number:	MDIP-1-2407
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:				
Extension - 1 month with $0 paid	2251	1	100	100

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
Request for Continued Examination	2801	1	600	600
		Total in USD ($)		**700**

Electronic Acknowledgement Receipt	
EFS ID:	16944439
Application Number:	12906941
International Application Number:	
Confirmation Number:	1064
Title of Invention:	CONTEXTUAL CHAPTER NAVIGATION
First Named Inventor/Applicant Name:	Todd E. Duffin
Customer Number:	25315
Filer:	Ellen M Bierman
Filer Authorized By:	
Attorney Docket Number:	MDIP-1-2407
Receipt Date:	24-SEP-2013
Filing Date:	18-OCT-2010
Time Stamp:	18:52:33
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	$700
RAM confirmation Number	6023
Deposit Account	
Authorized User	

File Listing:

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

1	Request for Continued Examination (RCE)	MDIP-1-2407RCE01.pdf	697711 33dba982ae4dac11547a5eb75f3e826139975d18	no	3
Warnings:					
Information:					
2		MDIP-1-2407AM02-RCE.pdf	314797 fa64985a8e3ebf1b9a4c64f47992e6b3a33f1d22	yes	13
	Multipart Description/PDF files in .zip description				
	Document Description		**Start**	**End**	
	Amendment Submitted/Entered with Filing of CPA/RCE		1	1	
	Claims		2	7	
	Applicant Arguments/Remarks Made in an Amendment		8	13	
Warnings:					
Information:					
3	Extension of Time	MDIP-1-2401EOT-RCE01.pdf	186774 d96515f1a523c5fc0638fb9062f3c2c0f65363c2	no	2
Warnings:					
Information:					
4	Information Disclosure Statement (IDS) Form (SB08)	MDIP-1-2407IDS02.pdf	613137 7a2308283ade58cf50ce6a43ea096c7c5497fe1b	no	5
Warnings:					
Information:					
5	Non Patent Literature	Android_SDK.pdf	1400424 74464cb6ae45f6080d931143e926d7c7352b60af	no	24
Warnings:					
Information:					
6	Fee Worksheet (SB06)	fee-info.pdf	32135 6065723472f426b724ebe78c8ff7702a4ebe5220	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	3244978		

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

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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

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

PTO/SB/06 (09-11)
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 12/906,941	Filing Date 10/18/2010	☐ 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

AMENDMENT	09/24/2013	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0	X $80 =	0
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $420 =	0
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	0

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

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

LIE
/DALE A. HALL/

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.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/906,941	10/18/2010	Todd E. Duffin	MDIP-1-2407	1064

25315 7590 10/09/2013

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

EXAMINER	
PARKER, JEANETTE J	
ART UNIT	PAPER NUMBER
2175	

NOTIFICATION DATE	DELIVERY MODE
10/09/2013	ELECTRONIC

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

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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.** 12/906,941	**Applicant(s)** DUFFIN ET AL.	
	Examiner JEANETTE J. PARKER	**Art Unit** 2175	**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 01 August 1869 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 _____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 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: 1-15.
    Claim(s) withdrawn from consideration: .

/William Bashore/ Supervisory Patent Examiner, Art Unit 2175	/JEANETTE J PARKER/ Examiner, Art Unit 2175

Continuation of 12: In dependent claims were amended which require further consideration and/or search.

As for Claim 1, Applicant argues Ekstrand does not teach the limitation "receiving a chapter skip input during the continuous playback fo fthe video", but rather it states that the timeline is shown during playback of the video stream because "it does not address what happens when the user presses a user interface that manipulates the timeline". Examiner disagrees.

In response to Applicant's argument that the references fail to show certain features of Applicant's invention, it is noted that a reference is relevant for all it contains and may be relied upon for all that it would have reasonably suggested to one having ordinary skill in the art. In re Heck, 699 F.2d 1331, 1332-33, 216 U.S.P.Q. 1038, 1039 (Fed. Cir. 1983) (quoting In re Lemelson, 397 F.2d 1006, 1009, 158 U.S.P.Q. 275, 277 (C.C.P.A. 1968)). Paragraphs [0055] -[0058] in Ekstrand addresses what happens when the user presses a user interface that manipulate the timeline.

Examiner left voice mail for Ellen Bierman and encourages the attorney to call to discuss the After final action.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	Todd E. Duffin et al.
Application No.	:	12/906,941
Filed	:	October 18, 2010
For	:	CONTEXTUAL CHAPTER NAVIGATION

Examiner	:	Jeanette Parker
Art Unit	:	2175
Docket No.	:	MDIP-1-2407
Date	:	August 24, 2013

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

DO NOT ENTER
/Jeanette J Parker/
9/10/2013 /JJP/

AMENDMENT

Commissioner for Patents:

In response to the Office Action dated May 24, 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 7 of this paper.

LOWE GRAHAM JONES PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

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.
12/906,941	10/18/2010	Todd E. Duffin	MDIP-1-2407	1064

25315 7590 10/11/2013

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

EXAMINER	
PARKER, JEANETTE J	
ART UNIT	PAPER NUMBER
2175	

NOTIFICATION DATE	DELIVERY MODE
10/11/2013	ELECTRONIC

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docketing-patent@lowegrahamjones.com

Examiner-Initiated Interview Summary	Application No. 12/906,941	Applicant(s) DUFFIN ET AL.	
	Examiner JEANETTE J. PARKER	Art Unit 2175	

All participants (applicant, applicant's representative, PTO personnel):

(1) *JEANETTE J. PARKER*. (3)_____.

(2) *ELLEN BIERMAN*. (4)_____.

Date of Interview: *11 September 2013*.

Type: ☒ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☐ No.
If Yes, brief description: _____.

Issues Discussed ☐101 ☐112 ☐102 ☒103 ☐Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: *1*.

Identification of prior art discussed: _____.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Interview conducted per AFCP 2.0 program. Examiner informed the attorney representing the applicant that the proposed amendments appear to over come the prior art used for rejection under 35 U.S.C. 102. However, the amendments do not put the claims in condition for allowence as more time (then allotted 2 hours under AFCP 2.0) is required for a thorough search given the complexity of the invention.

Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

/JEANETTE J PARKER/ Examiner, Art Unit 2175	/William Bashore/ Supervisory Patent Examiner, Art Unit 2175

PTO/SB/08a (01-10)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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

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

Application Number	12906941
Filing Date	2010-10-18
First Named Inventor	Todd E. Duffin
Art Unit	2175
Examiner Name	Jeanette Parker
Attorney Docket Number	MDIP-1-2407

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	7809888	B1	2010-10-05	Clark 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

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	20040254940	A1	2004-12-16	Brush	
	2	20050025465	A1	2005-02-03	Danieli	
	3	20050190782	A1	2005-09-01	Buckley et al.	
	4	20060200415	A1	2006-09-07	Lu	
	5	20060224519	A1	2006-10-05	Ahn	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
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	Filing Date	2010-10-18
	First Named Inventor	Todd E. Duffin
	Art Unit	2175
	Examiner Name	Jeanette Parker
	Attorney Docket Number	MDIP-1-2407

	6	20060239650	A1	2006-10-26	Heredia et al.	
	7	20070219921	A1	2007-09-20	Lee	
	8	20080176540	A1	2008-07-24	Khedouri et al.	
	9	20080205291	A1	2008-08-28	Li et al.	
	10	20080270796	A1	2008-09-18	Tagawa et al.	
	11	20090086978	A1	2009-04-02	McAvoy et al.	
	12	20090150487	A1	2009-06-11	Wolfish et al.	
	13	20100280953	A1	2010-11-04	Kitazato	
	14	20100287609	A1	2010-11-11	Gonzalez et al.	
	15	20110009051	A1	2011-01-13	Khedouri et al.	
	16	20110078722	A1	2011-03-31	Wendling	

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	Filing Date	2010-10-18
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	Art Unit	2175
	Examiner Name	Jeanette Parker
	Attorney Docket Number	MDIP-1-2407

	17	20110225417	A1	2011-09-15	Maharajh et al.	
	18	20110289137	A1	2011-11-24	Ittah et al.	
	19	20120072713	A1	2012-03-22	Begum et al.	

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	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]
	1	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		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	12906941
	Filing Date	2010-10-18
	First Named Inventor	Todd E. Duffin
	Art Unit	2175
	Examiner Name	Jeanette Parker
	Attorney Docket Number	MDIP-1-2407

[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	12906941
	Filing Date	2010-10-18
	First Named Inventor	Todd E. Duffin
	Art Unit	2175
	Examiner Name	Jeanette Parker
	Attorney Docket Number	MDIP-1-2407

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)	2014-02-26
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 record s.

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:	18314036
Application Number:	12906941
International Application Number:	
Confirmation Number:	1064
Title of Invention:	CONTEXTUAL CHAPTER NAVIGATION
First Named Inventor/Applicant Name:	Todd E. Duffin
Customer Number:	25315
Filer:	Ellen M Bierman/Jessica Bukowski
Filer Authorized By:	Ellen M Bierman
Attorney Docket Number:	MDIP-1-2407
Receipt Date:	26-FEB-2014
Filing Date:	18-OCT-2010
Time Stamp:	18:35:32
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	Information Disclosure Statement (IDS) Form (SB08)	MDIP-1-2407IDS03.pdf	613064 2c3c1360605777c008fb28d043d55c1d51b4f708	no	6

Warnings:
Information:

2	Non Patent Literature	Guofei.pdf	494365 e2b67d7b7073c8682d687ca6599cb8b511cc2c51	no	12

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Information:	
Total Files Size (in bytes):	1107429

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

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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

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

PTO/SB/08a (01-10)
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Filing Date	2010-10-18
First Named Inventor	Todd E. Duffin
Art Unit	2175
Examiner Name	Jeanette J. Parker
Attorney Docket Number	MDIP-1-2407

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	6223292		2001-04-24	Dean et al.	
	2	7124938		2006-10-24	Marsh	
	3	8571209		2013-10-29	Bellwood et al.	

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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	20050120216		2005-06-02	Lee et al.	
	2	20050130586		2005-06-16	Gnuschke et al.	
	3	20070016956		2007-01-18	Bellwood et al.	

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	First Named Inventor	Todd E. Duffin
	Art Unit	2175
	Examiner Name	Jeanette J. Parker
	Attorney Docket Number	MDIP-1-2407

	4	20070043667		2007-02-22	Qawami et al.	
	5	20080005802		2008-01-03	Fierstein et al.	
	6	20080060084		2008-03-06	Gappa et al.	
	7	20080228300		2008-09-18	Tagawa et al.	
	8	20090327125		2009-12-31	Jain	
	9	20100212016		2010-08-19	Dubhashi et al.	
	10	20110110516		2011-05-12	Satoh	
	11	20110119504		2011-05-19	Nishimura	

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Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	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]
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	First Named Inventor	Todd E. Duffin
	Art Unit	2175
	Examiner Name	Jeanette J. Parker
	Attorney Docket Number	MDIP-1-2407

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		

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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.

[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	12906941
	Filing Date	2010-10-18
	First Named Inventor	Todd E. Duffin
	Art Unit	2175
	Examiner Name	Jeanette J. Parker
	Attorney Docket Number	MDIP-1-2407

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)	2016-05-27
Name/Print	Ellen M. Bierman	Registration Number	38,079

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 record s.

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:	25914663
Application Number:	12906941
International Application Number:	
Confirmation Number:	1064
Title of Invention:	CONTEXTUAL CHAPTER NAVIGATION
First Named Inventor/Applicant Name:	Todd E. Duffin
Customer Number:	25315
Filer:	Ellen M Bierman
Filer Authorized By:	
Attorney Docket Number:	MDIP-1-2407
Receipt Date:	27-MAY-2016
Filing Date:	18-OCT-2010
Time Stamp:	21:37:18
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	Information Disclosure Statement (IDS) Form (SB08)	MDIP-1-2407IDS05.pdf	612703 f3f0254437bf62eff3fdc8f23ca1b6ed9cf07f04	no	5
Warnings:					
Information:					

Total Files Size (in bytes):	612703

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

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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

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

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

25315 7590 11/18/2016

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

EXAMINER
PARKER, JEANETTE J

ART UNIT	PAPER NUMBER
2175	

DATE MAILED: 11/18/2016

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/906,941	10/18/2010	Todd E. Duffin	MDIP-1-2407	1064

TITLE OF INVENTION: CONTEXTUAL CHAPTER NAVIGATION

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$960	$0	$0	$960	02/21/2017

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 11/18/2016
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.
12/906,941	10/18/2010	Todd E. Duffin	MDIP-1-2407	1064

TITLE OF INVENTION: CONTEXTUAL CHAPTER NAVIGATION

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$960	$0	$0	$960	02/21/2017

EXAMINER	ART UNIT	CLASS-SUBCLASS
PARKER, JEANETTE J	2175	715-720000

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 _____
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 — 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.
- ❑ 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.
- ❑ Applicant changing to regular undiscounted fee 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. _____

PTOL-85 Part B (10-13) Approved for use through 10/31/2013. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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.
12/906,941	10/18/2010	Todd E. Duffin	MDIP-1-2407	1064

25315 7590 11/18/2016

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

EXAMINER	
PARKER, JEANETTE J	

ART UNIT	PAPER NUMBER
2175	

DATE MAILED: 11/18/2016

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. 12/906,941	Applicant(s) DUFFIN ET AL.	
	Examiner JEANETTE J. PARKER	Art Unit 2175	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 *RCE filed on 9/24/2013*.
   ☐ 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 *1-20*. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   Certified copies:

   a) ☐ All b) ☐ Some *c) ☐ None of the:
   1. ☐ Certified copies of the priority documents have been received.
   2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
   3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date See Continuation Sheet
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
4. ☒ Interview Summary (PTO-413), Paper No./Mail Date *11/2/2016* .
5. ☒ Examiner's Amendment/Comment
6. ☒ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/JEANETTE J PARKER/ Examiner, Art Unit 2175	/William Bashore/ Supervisory Patent Examiner, Art Unit 2175

Continuation of Attachment(s) 2. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date: 9/24/2013, 2/26/2014, 5/27/2016.

DETAILED ACTION

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

2. This action is responsive to the RCE filed on 9/24/2013 to the application filed on 10/18/2010.

3. This application claims benefit of Priority under 35 U.S.C. §119 (e) from Provisional U.S. Patent Application No 61/253792, filed on 10/21/2009.

4. Claims 1-20 are pending in the case.

EXAMINER'S AMENDMENT AND REASONS FOR ALLOWANCE

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 telephone interview on 2 November 2016 and subsequent voicemail left on 7 November 2016 from applicants' representative Ellen Bierman.

The application has been amended as follows with the original claim numbers:

1. (Currently Amended) A method for navigating a plurality of chapters of video content within a video, the method comprising:

reading from a ~~chapter index~~ metadata file stored with the video
~~a beginning location in the video content for each of a plurality of chapters of the video~~
chapter titles, chapter start times, and location on a secure digital card (SD card) of chapter preview images that correspond to the playable content
as initially configured and stored on [[a]] the secure digital card,
~~the chapter index stored as part of metadata stored with the video on the secure digital card,~~
each chapter comprising a segment of content of the video;

presenting, during continuous playback of a video, an on-screen display to a user,
the on-screen display including a timeline having a demarcation for the beginning of each of the plurality of chapters of the video and
having a marker corresponding to a current position in the video playback,
the timeline assembled from the chapter titles, the chapter start times, and the location on the secure digital card of chapter preview images that correspond to the playable content ~~chapter index~~
stored as part of the metadata, and
the on-screen display including ~~at least~~ one image ~~from~~ for each of the plurality of chapters from the chapter preview images displayed in sequential order parallel to the timeline ~~in a line~~,
wherein a focus identifier marks an image of a chapter corresponding to the current position within the continuous video playback;

receiving a selection of one of the chapter preview images as chapter skip input during the continuous playback of the video;

moving the at least one image from each chapter one position along the line with respect to the focus identifier, according to the chapter skip input,

wherein the one image is moved to the left when the chapter skip input indicates a skip forward and wherein the one image is moved to the right when the chapter skip input indicates a skip backward;

skipping playback of the video to a chapter identified by the focus identifier such that the video playback continues from the position of the chapter identified by the focus identifier.

2. (Original) The method of claim 1, wherein

the on-screen display includes a video preview from at least one of the plurality of chapters of the video that is displayed in order in the line with the rest of the at least one images from the rest of the plurality of chapters.

3. (Original) The method of claim 1, wherein the video comprises secured media content on a flash memory device.

4. (Original) The method of claim 3, further comprising:

initiating playback of the video from the flash memory device;

reading metadata from the flash memory device;

matching the read metadata from the flash memory device with the video; and

assembling the video and the metadata in a memory structure to retrieve for playback and display.

5. (Original) The method of claim 1, wherein the metadata comprises chapter titles, chapter start times and location on the flash memory device.

6. (Currently Amended) A non-transitory computer readable medium storing instructions thereon, the instructions when executed causing at least one processor to:

read from a ~~chapter index~~ metadata file associated with and stored with a video

~~a beginning location in the video content for each of a plurality of chapters of the video~~ chapter titles, chapter start times, and location on a secure digital card (SD card) of chapter preview images that correspond to the playable content

as initially configured and stored on [[a]] the secure digital card,

~~the chapter index stored as part of metadata stored with the video on the secure digital card,~~

each chapter comprising a segment of content of the video;

present, during continuous playback of a video, an on-screen display to a user,

the on-screen display including a timeline having a demarcation for the beginning of each of the plurality of chapter of the video and

having a marker corresponding to a current position in the video playback,

the timeline assembled from the chapter titles, the chapter start times, and the location on the SD card of chapter preview images that correspond to the playable content ~~chapter index~~

stored as part of the metadata, and

the on-screen display including ~~at least~~ one image ~~from~~ for each of the plurality of chapters from the chapter preview images displayed in sequential order parallel to the timeline ~~in a line~~,

wherein a focus identifier marks an image of a chapter corresponding to the current position within the continuous video playback;

receive a selection of one of the chapter preview images as chapter skip input during the continuous playback of the video;

move the at least one image from each chapter one position along the line with respect to the focus identifier, according to the chapter skip input,

wherein the one image is moved to the left when the chapter skip input indicates a skip forward and wherein the one image is moved to the right when the chapter skip input indicates a skip backward;

skipping playback of the video to a chapter identified by the focus identifier such that the video playback continues from the position of the chapter identified by the focus identifier.

7. (Original) The computer readable computer medium of claim 6, wherein the on-screen display includes a video preview from at least one of the plurality of chapters of the video that is displayed in order in the line with the rest of the at least one images from the rest of the plurality of chapters.

8. (Original) The computer readable computer medium of claim 6, wherein the video comprises secured media content on a flash memory device.

9. (Original) The computer readable computer medium of claim 8, further comprising instructions that cause the at least one processor to: initiate playback of the video from the flash memory device; read metadata from the flash memory device; match the read metadata from the flash memory device with the video; and assemble the video and the metadata in a memory structure to retrieve for playback.

10. (Original) The computer readable computer medium of claim 6, wherein the metadata comprises chapter titles, chapter start times and location on the flash memory device.

11. (Currently Amended) An apparatus for navigating a plurality of chapters of video content within a video, the apparatus comprising:
a video screen; and a processor, the processor configured to execute:
a chapter presentation module, configured to:

read from a ~~chapter index~~ metadata file associated with and stored with the video
~~a beginning location in the video content for each of a plurality of chapters of the video~~
chapter titles, chapter start times, and location on a secure digital card (SD card) of chapter preview images that correspond to the playable content
as initially configured and stored on [[a]] the secure digital card,
~~the chapter index stored as part of metadata stored with the video on the secure digital card,~~

each chapter comprising a segment of content of the video; and

present, during continuous playback of a video, an on-screen display on the video screen,

the on-screen display including a timeline having a demarcation for the beginning of each of the plurality of chapters of the video and

having a marker corresponding to a current position in the video playback,

the timeline assembled from the chapter titles, the chapter start times, and the location on the SD card of chapter preview images that correspond to the playable content~~chapter index~~

stored as part of the metadata, and

the on-screen display including ~~at least~~ one image ~~from~~ for each of the plurality of chapters from the chapter preview images displayed in sequential order parallel to the timeline ~~in a line~~,

wherein a focus identifier marks an image of a chapter corresponding to the current position within the continuous video playback;

a receive module configured to receive a selection of one of the chapter preview images as chapter skip input during the continuous playback of the video;

a move module configured to move the at least one image from each chapter one position along the line with respect to the focus identifier, according to the chapter skip input,

wherein the one image is moved to the left when the chapter skip input indicates a skip forward and wherein the one image is moved to the right when the chapter skip input indicates a skip backward; and

a resume module for skipping playback of the video to a chapter identified by the focus identifier such that the video playback continues from the position of the chapter identified by the focus identifier.

12. (Original) The apparatus of claim 11, wherein the on-screen display includes a video preview from at least one of the plurality of chapters of the video that is displayed in order in the line with the rest of the at least one images from the rest of the plurality of chapters.

13. (Original) The apparatus of claim 11, further comprising a secured digital memory device interface, the secured digital memory device interface for receiving a secured media memory device having the video.

14. (Original) The apparatus of claim 13, wherein the processor is further configured to execute:

a playback module for initiating playback of the video from the secured digital memory device;

a reading module for reading metadata from the secured digital memory device; a match module for matching the read metadata from the secured digital memory device with the video; and

an assembly module for assembling the video and the metadata in a memory structure to retrieve for playback and display.

15. (Previously Presented) The apparatus of claim 11, wherein the metadata comprises chapter titles, chapter start times and location on the flash memory device.

16. (Currently Amended) The apparatus of claim 11 wherein the timeline and the ~~at least~~ one image from each of the plurality of chapters displayed in order in a line are displayed vertically on the video screen.

17. (Currently Amended) The method of claim 1 wherein the timeline and the ~~at least~~ one image from each of the plurality of chapters displayed in order in a line are displayed vertically.

18. (Currently Amended) The method of claim 1 wherein the timeline and ~~and~~ the ~~at least~~ one image from each of the plurality of chapters displayed in order in a line are displayed as an overlay in the foreground during the continuous playback of the video.

19. (Previously Presented) The computer readable medium of claim 6 wherein the timeline and the at least one image from each of the plurality of chapters displayed in order in a line are displayed vertically.

20. (Currently Amended) The computer readable medium of claim 6 wherein the timeline and the at least one image from each of the plurality of chapters displayed in order in a line are displayed as an overlay in the foreground during the continuous playback of the video[[/]].

REASONS FOR ALLOWANCE

Applicants' amendments and arguments to claims 1-20 have been fully considered and are persuasive in light of the examiner's amendment applicant has agreed to. All rejections in previous office action have been respectfully withdrawn.

ALLOWABLE SUBJECT MATTER

Claims 1-20 are allowed with the examiner's amendments noted above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the

issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance”.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JEANETTE J. PARKER whose telephone number is (571)270-3647. The examiner can normally be reached on Monday - Thursday (9:00 AM -5:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, William Bashore can be reached on 571-272-4088. The fax phone number for the organization where this application or proceeding is assigned is 571-270-4647.

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.

/JEANETTE J PARKER/
Examiner, Art Unit 2175

/William Bashore/
Supervisory Patent Examiner, Art Unit 2175

Examiner-Initiated Interview Summary	Application No. 12/906,941	Applicant(s) DUFFIN ET AL.	
	Examiner JEANETTE J. PARKER	Art Unit 2175	

All participants (applicant, applicant's representative, PTO personnel):

(1) *JEANETTE J. PARKER*. (3)_____.

(2) *ELLEN BIERMAN*. (4)_____.

Date of Interview: *02 November 2016*.

Type: ☒ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☐ No.
If Yes, brief description: _____.

Issues Discussed ☐101 ☐112 ☐102 ☐103 ☐Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: *1-20*.

Identification of prior art discussed: _____.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Discussed proposed examiner's amendment to possibly place the application in condition for allowance.

Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

/JEANETTE J PARKER/ Examiner, Art Unit 2175	

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"12906941"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/09 16:41
S2	2	duffin adj todd.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/09 16:53
S3	4	malsbary adj todd.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/09 16:53
S4	270	phillips adj mark.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/09 16:53
S5	0	phillips adj mark.in. and seattle.aaci.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/09 16:54
S6	0	(phillips adj mark.in.) and (seattle.aaci.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/09 16:55
S7	4	(phillips adj mark.in.) and (WA.asst.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/09 16:56
S8	288	715/720.ccls.	US-PGPUB;	OR	ON	2013/05/09

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			16:56
S9	22	"6697944".pn. "6859791".pn. "7779064".pn. "20030220835" "20040010601" "20050044280" "20060156355" "20080075437" "20080133546" "20080271154" "20090164709" "20090313432" "20100293581" "20110091187" "20110093622" "20120124390" "20120254629" "20120315019" "20120324244"	US-PGPUB; USPAT	OR	ON	2013/05/09 17:00
S10	3	"20090282454" "20100262912"	US-PGPUB; USPAT	OR	ON	2013/05/09 17:00
S11	5	"20090282454" "20100262912"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/10 11:55
S12	1	"6697944".pn.	US-PGPUB; USPAT	OR	ON	2013/05/10 15:41
S13	201	chapter$1 with (navigation navigat$3) with video	US-PGPUB; USPAT	OR	ON	2013/05/14 15:18
S14	26	(chapter$1 with (navigation navigat$3) with video) and (skip with (backward forward))	US-PGPUB; USPAT	OR	ON	2013/05/14 16:33
S15	7	(chapter$1 with (navigation navigat$3) with video) and (skip with (backward forward)) and (mov$3 with image)	US-PGPUB; USPAT	OR	ON	2013/05/14 16:35
S16	7	(chapter$1 with (navigation navigat$3) with video) and (skip with (backward forward)) and (mov$3 with image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/14 16:39
S17	26	(chapter$1 with (navigation navigat$3) with video) and (skip with (backward forward))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/14 16:39
S18	1	"12906941"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/10 18:22
S19	35	(chapter with index with metadata)	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2013/09/10 18:55

			EPO; JPO; DERWENT; IBM_TDB			
S20	0	(chapter with index with metadata with stor$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/10 18:55
S21	58	(chapter with index with meta$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/10 18:57
S22	4125	(video with chapter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/10 18:59
S23	144	(video with chapter with index)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/10 18:59
S24	1	"13016930"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/11 10:39
S25	17304	("7"??.clas. or "345".clas.) and ((secure adj digital adj card) or (SD adj card))	US-PGPUB; USPAT	OR	ON	2016/10/25 10:08
S26	2377	("7"??.clas. or "345".clas.) and (((secure adj digital adj card) or (SD adj card)) same (video))	US-PGPUB; USPAT	OR	ON	2016/10/25 10:08
S27	0	("7"??.clas. or "345".clas.) and (((secure adj digital adj card) or (SD adj card)) same (video) same (chapter near4 index))	US-PGPUB; USPAT	OR	ON	2016/10/25 10:09
S28	806	("7"??.clas. or "345".clas.) and (((secure adj digital adj card) or (SD adj card)) same (video) same (play$3 playback))	US-PGPUB; USPAT	OR	ON	2016/10/25 10:21
S29	52	("7"??.clas. or "345".clas.) and (((secure adj digital adj card) or (SD adj card)) same (video) same (play$3 playback)) and (chapter$1 with video)	US-PGPUB; USPAT	OR	ON	2016/10/25 10:22
S30	42	("7"??.clas. or "345".clas.) and (((secure adj digital adj card) or (SD adj card)) same (video) same (play$3 playback)) and (chapter$1 with video) and ((@ptad @ad)<"20091022")	US-PGPUB; USPAT	OR	ON	2016/10/25 10:22
S31	44	("7"??.clas. or "345".clas.) and (((secure	US-PGPUB;	OR	ON	2016/10/25

		adj digital adj card) or (SD adj card)) same (video) same (play$3 playback)) and (chapter$1 with video) and ((@ptad @ad)<"20101019")	USPAT			10:25
S32	2	"20110093622"	US-PGPUB; USPAT	OR	ON	2016/10/25 11:47
S33	368	("7"??.clas. or "345".clas.) and (((secure adj digital adj card) or (SD adj card)) same (video) same (play$3 playback)) and ((@ptad @ad)<"20101019")	US-PGPUB; USPAT	OR	ON	2016/10/25 12:40
S34	52	("7"??.clas. or "345".clas.) and (((secure adj digital adj card) or (SD adj card)) same (video) same (play$3 playback)) and chapter and ((@ptad @ad) <"20101019")	US-PGPUB; USPAT	OR	ON	2016/10/25 13:55
S35	4	("20070192634" | "20100127013" | "8306918" | "20090086978").PN.	US-PGPUB; USPAT	OR	ON	2016/10/25 13:58
S36	1	"20080229204"	US-PGPUB; USPAT	OR	ON	2016/10/25 14:16
S37	4	"12612258"	US-PGPUB; USPAT	OR	ON	2016/10/25 14:17
S38	0	"13612258"	US-PGPUB; USPAT	OR	ON	2016/10/25 14:17
S39	0	"13612258"	US-PGPUB; USPAT	OR	ON	2016/10/25 14:17
S40	9	("20120200598" | "20120089910" | "20100251164" | "20070080938" | "20080126981" | "20110239155" | "20080065722" | "20090024923" | "20120030626").PN.	US-PGPUB; USPAT	OR	ON	2016/10/25 14:18
S41	53	("7"??.clas. or "345".clas.) and (((secure adj digital adj card) or (SD adj card)) same (video) same (play$3 playback stor$3)) and (video with chapter$1) and ((@ptad @ad)<"20101019")	US-PGPUB; USPAT	OR	ON	2016/10/25 14:19
S42	5	(phillips adj mark.in. or duffin adj todd.in.) and (mod adj systems.as.) and (sd adj card or (secure digital card))	US-PGPUB; USPAT	OR	ON	2016/10/25 14:26
S43	145	((phillips adj mark.in. or duffin adj todd.in.) or (mod adj systems.as.)) and (sd adj card or (secure digital card))	US-PGPUB; USPAT	OR	ON	2016/10/25 14:26
S44	1	((phillips adj mark.in. or duffin adj todd.in.) or (mod adj systems.as.)) and (sd adj card or (secure digital card)) and (video with chapter$1)	US-PGPUB; USPAT	OR	ON	2016/10/25 14:27
S45	1	((phillips adj mark.in. or duffin adj todd.in.) or (mod adj systems.as.)) and (sd adj card or (secure digital card)) and (video same chapter$1)	US-PGPUB; USPAT	OR	ON	2016/10/25 14:27
S46	58	((phillips adj mark.in. or duffin adj todd.in.) or (mod adj systems.as.)) and (sd adj card or (secure digital card)) and (video)	US-PGPUB; USPAT	OR	ON	2016/10/25 14:27
S47	10	("20080271154" | "20090164709" | "20020126841" | "20040006690" | "20080098239" | "20080270796" | "7360088" | "7505584" | "7844831" | "8312294").PN.	US-PGPUB; USPAT	OR	ON	2016/10/25 14:30

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S49	2182	("7"??.clas. or "345".clas.) and ((video with chapter))	US-PGPUB; USPAT	OR	ON	2016/10/25 16:41
S50	2037	("7"??.clas. or "345".clas.) and ((video with chapter) and ((sd adj card) or (secure digital card)))	US-PGPUB; USPAT	OR	ON	2016/10/25 16:42
S51	449	("7"??.clas. or "345".clas.) and ((video with chapter) and ((sd adj card) or ((secure digital card)) same metadata))	US-PGPUB; USPAT	OR	ON	2016/10/25 16:43
S52	297	("7"??.clas. or "345".clas.) and ((video with chapter) and ((sd adj card) or ((secure digital card)) with metadata))	US-PGPUB; USPAT	OR	ON	2016/10/25 16:43
S53	186	("20050044280" | "20090164709" | "7360088" | "7844831" | "20080205291" | "20090150487" | "20100280953" | "20110078722" | "20050130586" | "20080060084" | "20110119504" | "7124938" | "20040010601" | "20060156355" | "8312294" | "20090282454" | "20100262912" | "20030220835" | "20080271154" | "20100293581" | "20120124390" | "20070033344" | "20100127013" | "20050190782" | "20060200415" | "20080228300" | "20090327125" | "20100212016" | "20040006690" | "20070234341" | "7809888" | "20080133546" | "20090313432" |	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/10/27 10:49

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S55	9	("20080256645" | "20030077074" | "20070248231" | "20070204141" | "20020150245" | "20080031591" | "20090271619" | "20040078066" | "20050038757").PN.	US-PGPUB; USPAT	OR	ON	2016/10/27 11:05
S56	5	("7"??.clas. or "3"??.clas.) and (((secure adj digital adj card) or (SD adj card)) same (metadata) same (chapter))	US-PGPUB; USPAT	OR	ON	2016/10/27 11:22
S57	5	(((secure adj digital adj card) or (SD adj	US-PGPUB;	OR	ON	2016/10/27

		card)) same (metadata) same (chapter))	USPAT			11:23
S58	53	(((secure adj digital adj card) or (SD adj card)))and ((metadata) same (chapter))	US-PGPUB; USPAT	OR	ON	2016/10/27 11:23
S59	5644	(((secure adj digital adj card) or (SD adj card)) same video)	US-PGPUB; USPAT	OR	ON	2016/10/27 11:31
S60	812	(((secure adj digital adj card) or (SD adj card)) same video) and (metadata)	US-PGPUB; USPAT	OR	ON	2016/10/27 11:32
S61	26	(((secure adj digital adj card) or (SD adj card)) same video) and (metadata same (chapter))	US-PGPUB; USPAT	OR	ON	2016/10/27 11:32
S62	30	(((secure adj digital adj card) or (SD adj card)) same video) and (metadata same2 (chapter))	US-PGPUB; USPAT	OR	ON	2016/10/27 11:34
S63	5	(G11B27/34 or G11B27/105).cpc. and (((secure adj digital adj card) or (SD adj card)) same video) and (metadata same2 (chapter))	US-PGPUB; USPAT	OR	ON	2016/10/27 13:10
S64	5	(G11B27/34 or G11B27/105).cpc. and (((secure adj digital adj card) or (SD adj card)) same video) and (metadata same2 (chapter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/10/27 13:11
S65	184	(((secure adj digital adj card) or (SD adj card)) and video) and (metadata and (chapter))	USPAT	OR	ON	2016/10/27 13:14
S66	308	(((secure adj digital adj card) or (SD adj card)) and video) and (metadata and (chapter))	US-PGPUB; USPAT	OR	ON	2016/10/27 13:14
S67	82	(((secure adj digital adj card) or (SD adj card)) and video) and (metadata and (chapter)) and ((@ptad or @ad) <"20091022")	US-PGPUB; USPAT	OR	ON	2016/10/27 13:15
S68	5	(G11B27/34 or G11B27/105).cpc. and (((secure adj digital adj card) or (SD adj card)) same (video or movie)) and (metadata same2 (chapter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/10/27 13:17
S69	1	"20100092037" "20080229204"	USPAT	OR	ON	2016/10/27 14:03
S70	3	"20100092037" "20080229204"	US-PGPUB; USPAT	OR	ON	2016/10/27 14:03

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Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (01-10)
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(Not for submission under 37 CFR 1.99)

Application Number	12906941
Filing Date	2010-10-18
First Named Inventor	Todd E Duffin et al.
Art Unit	2175
Examiner Name	Jeanette Parker
Attorney Docket Number	MDIP-1-2407

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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
	1	7360088	B2	2008-04-15	Mishina et al.	
	2	7505584	B2	2009-03-17	Kamibayashi et al.	
	3	7844831	B2	2010-11-30	Benhammou et al.	
	4	8312294	B2	2012-11-13	Sato et al.	
	5	RE42019	E	2010-12-28	Tagawa et al.	
	6	8306918	B2	2012-11-06	Farrugia	

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First Named Inventor	Todd E Duffin et al.
Art Unit	2175
Examiner Name	Jeanette Parker
Attorney Docket Number	MDIP-1-2407

	1	20020126841	A1	2002-09-12	Arai	
	2	20070033344	A1	2007-02-08	Tanaka	
	3	20070234341	A1	2007-10-04	Chang et al.	
	4	20080098239	A1	2008-04-24	Wada et al.	
	5	20080270796	A1	2008-10-30	Suu et al.	
	6	20100297933	A1	2010-11-25	Sim	
	7	20120137135	A1	2012-05-31	Kasahara et al.	
	8	20120272065	A1	2012-10-25	Matsukawa et al.	
	9	20040006690	A1	2004-01-08	Du	
	10	20070192634	A1	2007-08-16	Cheon	
	11	20100127013	A1	2010-05-27	Butler	

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	Art Unit	2175
	Examiner Name	Jeanette Parker
	Attorney Docket Number	MDIP-1-2407

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	1	Android Developers Guide, Android Software Developers Kit (SDK), Android Version 1.543, Nov. 13, 2009, pages 1-24. Available online at >netmite.com/android/mydroid/1.6/out/target/common/docs/offline-sdk/offline.html<	☐

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Examiner Signature	/JEANETTE J PARKER/	Date Considered	11/09/2016

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	First Named Inventor	Todd E Duffin et al.
	Art Unit	2175
	Examiner Name	Jeanette Parker
	Attorney Docket Number	MDIP-1-2407

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☐ 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.

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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)	2013-09-24
Name/Print	Ellen M. Bierman	Registration Number	38,079

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

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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.

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Application Number	12906941
Filing Date	2010-10-18
First Named Inventor	Todd E. Duffin
Art Unit	2175
Examiner Name	Jeanette Parker
Attorney Docket Number	MDIP-1-2407

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	1	7809888	B1	2010-10-05	Clark et al.	

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	1	20040254940	A1	2004-12-16	Brush	
	2	20050025465	A1	2005-02-03	Danieli	
	3	20050190782	A1	2005-09-01	Buckley et al.	
	4	20060200415	A1	2006-09-07	Lu	
	5	20060224519	A1	2006-10-05	Ahn	

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First Named Inventor	Todd E. Duffin
Art Unit	2175
Examiner Name	Jeanette Parker
Attorney Docket Number	MDIP-1-2407

	6	20060239650	A1	2006-10-26	Heredia et al.	
	7	20070219921	A1	2007-09-20	Lee	
	8	20080176540	A1	2008-07-24	Khedouri et al.	
	9	20080205291	A1	2008-08-28	Li et al.	
	10	20080270796	A1	2008-09-18	Tagawa et al.	
	11	20090086978	A1	2009-04-02	McAvoy et al.	
	12	20090150487	A1	2009-06-11	Wolfish et al.	
	13	20100280953	A1	2010-11-04	Kitazato	
	14	20100287609	A1	2010-11-11	Gonzalez et al.	
	15	20110009051	A1	2011-01-13	Khedouri et al.	
	16	20110078722	A1	2011-03-31	Wendling	

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	17	20110225417	A1	2011-09-15	Maharajh et al.	
	18	20110289137	A1	2011-11-24	Ittah et al.	
	19	20120072713	A1	2012-03-22	Begum et al.	

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	1	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	/JEANETTE J PARKER/	Date Considered	11/09/2016

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☐ 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)	2014-02-26
Name/Print	Ellen M. Bierman	Registration Number	38079

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CONFIRMATION NO. 1064

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
12/906,941	10/18/2010 RULE	715	2175	MDIP-1-2407

APPLICANTS

INVENTORS

Todd E. Duffin, Bellevue, WA;
Todd R. Malsbary, Seattle, WA;
Mark E. Phillips, Seattle, WA;

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

This appln claims benefit of 61/253,792 10/21/2009

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

**** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ****

10/29/2010

Foreign Priority claimed	35 USC 119(a-d) conditions met	Verified and Acknowledged	Met after Allowance	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
❑ Yes ☑ No	❑ Yes ☑ No	/DAEOO LEE/ Examiner's Signature	❑ Initials	WA	8	15	3

ADDRESS

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

TITLE

CONTEXTUAL CHAPTER NAVIGATION

FILING FEE RECEIVED		
1220	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

BIB (Rev. 05/07).

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12906941	DUFFIN ET AL.
	Examiner	Art Unit
	Jeanette Parker	2175

CPC- SEARCHED		
Symbol	Date	Examiner
G06F3/048	11/9/2016	JJP
G11B27/34, G11B27/105	11/9/2016	JJP

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
715	719	11/3/2012	D. Lee

SEARCH NOTES		
Search Notes	Date	Examiner
Inventor Search	11/3/2012	D. Lee
EAST Search	11/3/2012	D. Lee
East Search	11/9/2016	JJP
Google, Google Scholar text search	11/9/2016	JJP
ACM diginal library	11/9/2016	JJP

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
G06F3	048	11/9/2016	JJP
G11B27	34, 105	11/9/2016	JJP

/JEANETTE J PARKER/ Examiner.Art Unit 2175	11/9/2016

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12906941	DUFFIN ET AL.
	Examiner	**Art Unit**
	JEANETTE J PARKER	2175

CPC							
Symbol						**Type**	**Version**
G11B		27	/	34		F	2013-01-01
G11B		27	/	105		I	2013-01-01
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CPC Combination Sets							
Symbol					**Type**	**Set**	**Ranking**	**Version**
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/JEANETTE J PARKER/ Examiner.Art Unit 2175	11/9/2016	**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	20	
/WILLIAM BASHORE/ Supervisory Patent Examiner.Art Unit 2175	11/14/2016	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	3b

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US ORIGINAL CLASSIFICATION		INTERNATIONAL CLASSIFICATION									
CLASS	SUBCLASS	CLAIMED					NON-CLAIMED				
		G	0	6	F	3 / 048 (2013.01.01)	G	1	1	B	27 / 34 (2006.01.01)
CROSS REFERENCE(S)							G	1	1	B	27 / 105
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)										

/JEANETTE J PARKER/ Examiner.Art Unit 2175	11/9/2016	**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	20	
/WILLIAM BASHORE/ Supervisory Patent Examiner.Art Unit 2175	11/14/2016	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	3b

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	JEANETTE J PARKER	2175

☐ 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
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19	15														
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(Assistant Examiner)	(Date)	20	
/WILLIAM BASHORE/ Supervisory Patent Examiner.Art Unit 2175	11/14/2016	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	3b

U.S. Patent and Trademark Office Part of Paper No. 20161109

Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

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

Application Number	12906941
Filing Date	2010-10-18
First Named Inventor	Todd E. Duffin
Art Unit	2175
Examiner Name	Jeanette J. Parker
Attorney Docket Number	MDIP-1-2407

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	6223292		2001-04-24	Dean et al.	
	2	7124938		2006-10-24	Marsh	
	3	8571209		2013-10-29	Bellwood et al.	

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	1	20050120216		2005-06-02	Lee et al.	
	2	20050130586		2005-06-16	Gnuschke et al.	
	3	20070016956		2007-01-18	Bellwood et al.	

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	4	20070043667		2007-02-22	Qawami et al.	
	5	20080005802		2008-01-03	Fierstein et al.	
	6	20080060084		2008-03-06	Gappa et al.	
	7	20080228300		2008-09-18	Tagawa et al.	
	8	20090327125		2009-12-31	Jain	
	9	20100212016		2010-08-19	Dubhashi et al.	
	10	20110110516		2011-05-12	Satoh	
	11	20110119504		2011-05-19	Nishimura	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99)**	Application Number	12906941
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	Examiner Name	Jeanette J. Parker
	Attorney Docket Number	MDIP-1-2407

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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

Examiner Signature	/JEANETTE J PARKER/	Date Considered	11/09/2016

*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.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99)**	Application Number	12906941
	Filing Date	2010-10-18
	First Named Inventor	Todd E. Duffin
	Art Unit	2175
	Examiner Name	Jeanette J. Parker
	Attorney Docket Number	MDIP-1-2407

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)	2016-05-27
Name/Print	Ellen M. Bierman	Registration Number	38,079

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

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

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

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

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

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

Title of Invention	CONTEXTUAL CHAPTER NAVIGATION

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 12/906,941

filed on October 18, 2010

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

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

FULL NAME OF INVENTOR(S)

Inventor one: Todd E. Duffin Date: 11/29/2016

Signature: / DocuSigned by: Todd E. Duffin / E222B99E76CB492... Citizen of: US

Inventor two: Todd R. Malsbary Date: _____

Signature: _____ Citizen of: US

☒ Additional inventors or a legal representative are being named on 1 additional form(s) attached hereto.

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

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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet

Name of Additional Joint Inventor, if any: ☐ A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))	Family Name or Surname		
Mark E.	Phillips		
Inventor's Signature		Date	
Residence: City: Seattle	State: WA	Country: US	Citizenship: US
Mailing Address: c/o MOD Systems Incorporated 1301 Third Avenue, Suite 501			
City: Seattle	State: WA	Zip: 98101	Country: US
Name of Additional Joint Inventor, if any: ☐ A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))	Family Name or Surname		
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	Zip	Country
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FULL NAME OF INVENTOR(S)

Inventor one: Todd E. Duffin Date: _____

Signature: _____ Citizen of: US

Inventor two: Todd R. Malsbary DocuSigned by: Date: 11/30/2016

Signature: / Todd R. Malsbary / Citizen of: US

☒ Additional inventors or a legal representative are being named on 1 additional form(s) attached hereto.

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Supplemental Sheet
Page 2 of 2

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Mark E.	Phillips		
Inventor's Signature		Date	
Residence: City: Seattle	State: WA	Country: US	Citizenship: US
Mailing Address: c/o MOD Systems Incorporated 1301 Third Avenue, Suite 501			
City: Seattle	State: WA	Zip: 98101	Country: US
Name of Additional Joint Inventor, if any:	☐ A petition has been filed for this unsigned inventor		
Given Name (first and middle (if any))	Family Name or Surname		
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	Zip	Country
Name of Additional Joint Inventor, if any:	☐ A petition has been filed for this unsigned inventor		
Given Name (first and middle (if any))	Family Name or Surname		
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	Zip	Country

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

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

Electronic Acknowledgement Receipt	
EFS ID:	27659536
Application Number:	12906941
International Application Number:	
Confirmation Number:	1064
Title of Invention:	CONTEXTUAL CHAPTER NAVIGATION
First Named Inventor/Applicant Name:	Todd E. Duffin
Customer Number:	25315
Filer:	Ellen M Bierman/Andrea Dolder
Filer Authorized By:	Ellen M Bierman
Attorney Docket Number:	MDIP-1-2407
Receipt Date:	30-NOV-2016
Filing Date:	18-OCT-2010
Time Stamp:	21:55:48
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Oath or Declaration filed	MDIP-1-2407InventorDecForX_Duffin-SIGNED.pdf	1578007 c059115dce7bece96446e46b384763c05edf0de4	no	2

Warnings:

Information:					
2	Oath or Declaration filed	MDIP-1-2407InventorDecForX_Malsbary-SIGNED.pdf	1578753 478ccb7f3c386b3844ba5c16c851241d7c49eebe	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	3156760	

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

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	Todd E. Duffin et al.
Application No.	:	12/906,941
Filed	:	October 18, 2010
For	:	CONTEXTUAL CHAPTER NAVIGATION

Examiner	:	Jeanette J. Parker
Art Unit	:	2175
Docket No.	:	MDIP-1-2407
Date	:	January 17, 2017

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

AMENDMENT AFTER ALLOWANCE UNDER 37 CFR 1.312

Commissioner for Patents:

In response to the Examiner's Amendment within the Notice of Allowance mailed November 18, 2016, 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 8 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) A method for navigating a plurality of chapters of video content within a video, the method comprising:

reading from a metadata file stored with the video chapter titles, chapter start times, and location on a secure digital card (SD card) of chapter preview images that correspond to the playable content as initially configured and stored on the secure digital card, each chapter comprising a segment of content of the video;

presenting, during continuous playback of a video, an on-screen display to a user, the on-screen display including a timeline having a demarcation for the beginning of each of the plurality of chapters of the video and having a marker corresponding to a current position in the video playback, the timeline assembled from the chapter titles, the chapter start times, and the location on the secure digital card of chapter preview images that correspond to the playable content stored as part of the metadata, and the on-screen display including one image for each of the plurality of chapters from the chapter preview images displayed in sequential order parallel to the timeline, wherein a focus identifier marks an image of a chapter corresponding to the current position within the continuous video playback;

receiving a selection of one of the chapter preview images as chapter skip input during the continuous playback of the video;

moving the at least one image from each chapter one position along the line with respect to the focus identifier, according to the chapter skip input, wherein the one image is moved to the left when the chapter skip input indicates a skip forward and wherein the one image is moved to the right when the chapter skip input indicates a skip backward; and

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skipping playback of the video to a chapter identified by the focus identifier such that the video playback continues from the position of the chapter identified by the focus identifier.

2. (Currently Amended) The method of claim 1, wherein the on-screen display includes a video preview from at least one of the plurality of chapters of the video that is displayed in order in the line with the rest of the at least one images from the rest of the plurality of chapters.

3. (Original) The method of claim 1, wherein the video comprises secured media content on a flash memory device.

4. (Currently Amended) The method of claim 3, further comprising:

initiating playback of the video from the flash memory device;

reading metadata from the flash memory device;

matching the read metadata from the flash memory device with the video; and

assembling the video and the metadata in a memory structure to retrieve for playback and display.

5. (Original) The method of claim 1, wherein the metadata comprises chapter titles, chapter start times and location on the flash memory device.

6. (Currently Amended) A non-transitory computer readable medium storing instructions thereon, the instructions when executed causing at least one processor to:

read from a metadata file associated with and stored with a video chapter titles, chapter start times, and location on a secure digital card (SD card) of chapter preview images that correspond to the playable content as initially configured and stored on the secure digital card, each chapter comprising a segment of content of the video;

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present, during continuous playback of a video, an on-screen display to a user, the on-screen display including a timeline having a demarcation for the beginning of each of the plurality of chapter of the video and having a marker corresponding to a current position in the video playback, the timeline assembled from the chapter titles, the chapter start times, and the location on the SD card of the chapter preview images that correspond to the playable content stored as part of the metadata, and the on-screen display including one image for each of the plurality of chapters from the chapter preview images displayed in sequential order parallel to the timeline, wherein a focus identifier marks an image of a chapter corresponding to the current position within the continuous video playback;

receive a selection of one of the chapter preview images as chapter skip input during the continuous playback of the video;

move the at least one image from each chapter one position along the line with respect to the focus identifier, according to the chapter skip input, wherein the one image is moved to the left when the chapter skip input indicates a skip forward and wherein the one image is moved to the right when the chapter skip input indicates a skip backward; and

skipping playback of the video to a chapter identified by the focus identifier such that the video playback continues from the position of the chapter identified by the focus identifier.

7. (Original) The computer readable computer medium of claim 6, wherein the on-screen display includes a video preview from at least one of the plurality of chapters of the video that is displayed in order in the line with the rest of the at least one images from the rest of the plurality of chapters.

8. (Original) The computer readable computer medium of claim 6, wherein the video comprises secured media content on a flash memory device.

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9. (Currently Amended) The computer readable computer medium of claim 8, further comprising instructions that cause the at least one processor to:

initiate playback of the video from the flash memory device;

read metadata from the flash memory device;

match the read metadata from the flash memory device with the video; and

assemble the video and the metadata in a memory structure to retrieve for playback.

10. (Original) The computer readable computer medium of claim 6, wherein the metadata comprises chapter titles, chapter start times and location on the flash memory device.

11. (Currently Amended) An apparatus for navigating a plurality of chapters of video content within a video, the apparatus comprising:

a video screen; and

a processor, the processor configured to execute:

a chapter presentation module, configured to:

read from a metadata file associated with and stored with the video chapter titles, chapter start times, and location on a secure digital card (SD card) of chapter preview images that correspond to the playable content as initially configured and stored on the secure digital card, each chapter comprising a segment of content of the video; and

present, during continuous playback of a video, an on-screen display on the video screen, the on-screen display including a timeline having a demarcation for the beginning of each of the plurality of chapters of the video and having a marker corresponding to a current position in the video playback, the timeline assembled from the chapter titles, the chapter start times, and the location on the SD card of chapter preview images that correspond to the playable content stored as part of the metadata, and the on-screen display including one image for each of the plurality of chapters from the chapter preview images displayed in

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sequential order parallel to the timeline, wherein a focus identifier marks an image of a chapter corresponding to the current position within the continuous video playback;

a receive module configured to receive a selection of one of the chapter preview images as chapter skip input during the continuous playback of the video;

a move module configured to move the at least one image from each chapter one position along the line with respect to the focus identifier, according to the chapter skip input, wherein the one image is moved to the left when the chapter skip input indicates a skip forward and wherein the one image is moved to the right when the chapter skip input indicates a skip backward; and

a resume module for skipping playback of the video to a chapter identified by the focus identifier such that the video playback continues from the position of the chapter identified by the focus identifier.

12. (Original) The apparatus of claim 11, wherein the on-screen display includes a video preview from at least one of the plurality of chapters of the video that is displayed in order in the line with the rest of the at least one images from the rest of the plurality of chapters.

13. (Original) The apparatus of claim 11, further comprising a secured digital memory device interface, the secured digital memory device interface for receiving a secured media memory device having the video.

14. (Currently Amended) The apparatus of claim 13, wherein the processor is further configured to execute:

a playback module for initiating playback of the video from the secured digital memory device;

a reading module for reading metadata from the secured digital memory device;

a match module for matching the read metadata from the secured digital memory device with the video; and

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an assembly module for assembling the video and the metadata in a memory structure to retrieve for playback and display.

15. (Previously Presented) The apparatus of claim 11, wherein the metadata comprises chapter titles, chapter start times and location on the flash memory device.

16. (Previously Presented) The apparatus of claim 11 wherein the timeline and the one image from each of the plurality of chapters displayed in order in a line are displayed vertically on the video screen.

17. (Previously Presented) The method of claim 1 wherein the timeline and the one image from each of the plurality of chapters displayed in order in a line are displayed vertically.

18. (Previously Presented) The method of claim 1 wherein the timeline and the one image from each of the plurality of chapters displayed in order in a line are displayed as an overlay in the foreground during the continuous playback of the video.

19. (Previously Presented) The computer readable medium of claim 6 wherein the timeline and the at least one image from each of the plurality of chapters displayed in order in a line are displayed vertically.

20. (Previously Presented) The computer readable medium of claim 6 wherein the timeline and the at least one image from each of the plurality of chapters displayed in order in a line are displayed as an overlay in the foreground during the continuous playback of the video.

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REMARKS

Claims 1-20 are pending in this application. No claims have been cancelled. No claims have been added. Applicant has amended claims 1, 2, 4, 6, 9, 11, and 14 to correct two minor typographical errors and errors in form (indentations).

In the Examiner's Amendment within the Notice of Allowance mailed November 18, 2016, the indentations in some of the claims, most often in the subparagraphs, are not in accordance with the previous listing of claims found in the Amendment filed on September 24, 2013.

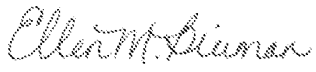
In view of the above, Applicant hereby amends the claims to recapture the indentations in the claims as shown in the Amendment filed on September 24, 2013. Any claims identified herein as "Currently Amended," even though they may not be redlined to show changes in the language of the claims, have formatting amendments (amendments to the indentations) to place them back into their previous form as shown in the Amendment filed on September 24, 2013.

No new matter has been introduced by way of this Amendment.

Favorable entry of this Amendment is earnestly solicited. If the Examiner deems this amendment not to be acceptable, the Examiner is encouraged to promptly contact Applicant's representative at (206) 381-3300 to resolve any such issues. Applicant's representative thanks the Examiner for her time and effort.

Applicant believes no fees are due by way of this Amendment, however, if this is not the case, the Director is authorized to charge any fees due or credit any overpayment, to Deposit Account No. 50-1050.

LOWE GRAHAM JONES PLLC



Ellen M. Bierman
Registration No. 38,079

EMB:ald

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Electronic Acknowledgement Receipt	
EFS ID:	28101029
Application Number:	12906941
International Application Number:	
Confirmation Number:	1064
Title of Invention:	CONTEXTUAL CHAPTER NAVIGATION
First Named Inventor/Applicant Name:	Todd E. Duffin
Customer Number:	25315
Filer:	Ellen M Bierman/Andrea Dolder
Filer Authorized By:	Ellen M Bierman
Attorney Docket Number:	MDIP-1-2407
Receipt Date:	18-JAN-2017
Filing Date:	18-OCT-2010
Time Stamp:	19:48:04
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-1-2407_312AM.pdf	121475 1baec5ff45bda829b338b75a068a27c0f5a2812c	yes	8

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Amendment after Notice of Allowance (Rule 312)	1	1
	Claims	2	7
	Applicant Arguments/Remarks Made in an Amendment	8	8
Warnings:			
Information:			
	Total Files Size (in bytes):	121475	

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
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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.

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

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25313 7590 11/18/2016
LOWE GRAHAM JONES, PLLC
701 FIFTH AVENUE
SUITE 4800
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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.

Andrea Dolder	(Depositor's name)
/Andrea Dolder/	(Signature)
January 31, 2017	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/906,941	10/18/2010	Todd E. Duffin	MDIP-1-2407	1064

TITLE OF INVENTION: CONTEXTUAL CHAPTER NAVIGATION

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$960	$0	$0	$960	02/21/2017

EXAMINER	ART UNIT	CLASS-SUBCLASS
PARKER, JEANETTE J	2175	715-730000

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 Ellen M. Bierman
2 Lowe Graham Jones PLLC
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)
Media IP, LLC	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.
- ☐ 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 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 January 31, 2017
Typed or printed name Ellen M. Bierman Registration No. 38,079

PTOL-85 Part B (10-13) Approved for use through 10/31/2013. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Electronic Patent Application Fee Transmittal				
Application Number:	12906941			
Filing Date:	18-Oct-2010			
Title of Invention:	CONTEXTUAL CHAPTER NAVIGATION			
First Named Inventor/Applicant Name:	Todd E. Duffin			
Filer:	Ellen M Bierman/Andrea Dolder			
Attorney Docket Number:	MDIP-1-2407			
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:				
UTILITY APPL ISSUE FEE	1501	1	960	960

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Miscellaneous:				
			Total in USD ($)	**960**

Electronic Acknowledgement Receipt	
EFS ID:	28225396
Application Number:	12906941
International Application Number:	
Confirmation Number:	1064
Title of Invention:	CONTEXTUAL CHAPTER NAVIGATION
First Named Inventor/Applicant Name:	Todd E. Duffin
Customer Number:	25315
Filer:	Ellen M Bierman/Andrea Dolder
Filer Authorized By:	Ellen M Bierman
Attorney Docket Number:	MDIP-1-2407
Receipt Date:	31-JAN-2017
Filing Date:	18-OCT-2010
Time Stamp:	20:29:26
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	EFT
Payment was successfully received in RAM	$960
RAM confirmation Number	020117INTEFSW20303700
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-1-2407IF.pdf	1009225 f6301db58b1e71a66bb1cb0d2caf02f1afa56ac8	no	1
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30658 070dc41bfac537514638 1570c242494a3e6d3ff3	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	1039883		

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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.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/906,941	10/18/2010	Todd E. Duffin	MDIP-1-2407	1064

25315 7590 02/02/2017

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

EXAMINER
PARKER, JEANETTE J

ART UNIT	PAPER NUMBER
2175	

NOTIFICATION DATE	DELIVERY MODE
02/02/2017	ELECTRONIC

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

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

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

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

Response to Rule 312 Communication	Application No.	Applicant(s)
	12/906,941	DUFFIN ET AL.
	Examiner	Art Unit
	JEANETTE J. PARKER	2175

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

1. ☒ The amendment filed on *18 January 2017* under 37 CFR 1.312 has been considered, and has been:

a) ☐ entered.

b) ☒ entered as directed to matters of form not affecting the scope of the invention.

c) ☐ disapproved because the amendment was filed after the payment of the issue fee.
Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.

d) ☐ disapproved. See explanation below.

e) ☐ entered in part. See explanation below.

/JEANETTE J PARKER/
Examiner, Art Unit 2175

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	Todd E. Duffin et al.
Application No.	:	12/906,941
Filed	:	October 18, 2010
For	:	CONTEXTUAL CHAPTER NAVIGATION

Examiner	:	Jeanette J. Parker
Art Unit	:	2175
Docket No.	:	MDIP-1-2407
Date	:	January 17, 2017

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

Okay to Enter
/Jeanette J. Parker/
1/24/2017 /J.J.P./

AMENDMENT AFTER ALLOWANCE UNDER 37 CFR 1.312

Commissioner for Patents:

In response to the Examiner's Amendment within the Notice of Allowance mailed November 18, 2016, 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 8 of this paper.

LOWE GRAHAM JONES PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

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

Application Number	12906941
Filing Date	2010-10-18
First Named Inventor	Todd E. Duffin
Art Unit	2175
Examiner Name	Jeanette Parker
Attorney Docket Number	MDIP-1-2407

	6	20060239650	A1	2006-10-26	Heredia et al.	
	7	20070219921	A1	2007-09-20	Lee	
	8	20080176540	A1	2008-07-24	Khedouri et al.	
	9	20080205291	A1	2008-08-28	Li et al.	
	10	20080270796	A1	10/2008 ~~2008-09-18~~	Suu et al. ~~Togawa et al.~~	
Change(s) applied to document, /P.H./ 11/29/2016	11	20090086978	A1	2009-04-02	McAvoy et al.	
	12	20090150487	A1	2009-06-11	Wolfish et al.	
	13	20100280953	A1	2010-11-04	Kitazato	
	14	20100287609	A1	2010-11-11	Gonzalez et al.	
	15	20110009051	A1	2011-01-13	Khedouri et al.	
	16	20110078722	A1	2011-03-31	Wendling	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.J.P/

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/906,941	03/14/2017	9595300	MDIP-1-2407	1064

25315 7590 02/22/2017

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 263 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):

Todd E. Duffin, Bellevue, WA;
Todd R. Malsbary, Seattle, WA;
Mark E. Phillips, Seattle, WA;

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	Todd E. Duffin et al.
Assignee/Patent Owner	:	Media IP, LLC
Application No.	:	12/906,941
Filed	:	October 18, 2010
Patent No.	:	9,595,300
Issue Date	:	March 14, 2017
For	:	CONTEXTUAL CHAPTER NAVIGATION
Examiner	:	Jeanette J. Parker
Art Unit	:	2175
Docket No.	:	MDIP-1-2407
Date	:	April 7, 2017

Commissioner for Patents
Office of Data Management
Attn: Certificates of Correction Branch
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION

In accordance with 37 C.F.R. § 1.322 (and 37 C.F.R. § 1.323), a Certificate of Correction is respectfully requested in the above-identified patent. Attached is form PTO/SB/44, which shows the corrections to be made. As shown therein, corrections are needed to the claims in columns 11 and 12 (claims 1 and 8), and are typographical errors only. The first of the two mistakes was made by the Patent Office in formulating the issued claim set. The second mistake was made in the application as filed.

Given that half of the mistakes were made on the part of the Patent Office in formulating the issued claim set, Patentee believes that no fee under § 1.20(a) should be due. However, if the

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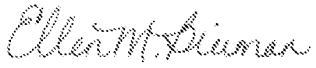
Office disagrees, the Director is authorized to charge any fees due by way of this Request for Certificate of Correction, or credit any overpayment, to Deposit Account No. 50-1050.

No new matter has been added by way of this Request for Certificate of Correction.

If questions remain, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,

LOWE GRAHAM JONES PLLC



By: Ellen M. Bierman
Reg. No. 38,079

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PTO/SB/44 (09-07)
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(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 9,595,300

APPLICATION NO.: 12/906,941

ISSUE DATE : March 14, 2017

INVENTOR(S) : Todd E. Duffin et al.

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:

In column 11, line 56 (claim 1), after "chapter" insert --titles, chapter--.

In column 12, line 62 (claim 8), change "chapter" to --chapters--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Ellen M. Bierman, Lowe Graham Jones PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104

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.

Electronic Acknowledgement Receipt	
EFS ID:	28871743
Application Number:	12906941
International Application Number:	
Confirmation Number:	1064
Title of Invention:	CONTEXTUAL CHAPTER NAVIGATION
First Named Inventor/Applicant Name:	Todd E. Duffin
Customer Number:	25315
Filer:	Ellen M Bierman/Andrea Dolder
Filer Authorized By:	Ellen M Bierman
Attorney Docket Number:	MDIP-1-2407
Receipt Date:	07-APR-2017
Filing Date:	18-OCT-2010
Time Stamp:	22:01:23
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	Request for Certificate of Correction	MDIP-1-2407ReqCofC.pdf	94820 9800cb094c378b53c7fcdd8322c552142d98a174	no	2

Warnings:

Information:					
2	Request for Certificate of Correction	MDIP-1-2407PropCertOfCorrect.pdf	164512 0cb8163283332eefe3a4b3a7069ef23934cb31f0	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	259332	

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

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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

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

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO.	: 9,595,300 B2
APPLICATION NO.	: 12/906941
DATED	: March 14, 2017
INVENTOR(S)	: Todd E. Duffin et al.

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

In Column 11, Line 56 (Claim 1), after "chapter" insert --titles, chapter--.

In Column 12, Line 62 (Claim 8), change "chapter" to --chapters--.

Signed and Sealed this
Ninth Day of May, 2017

Michelle K. Lee

Michelle K. Lee
Director of the United States Patent and Trademark Office

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY.DOCKET NO./TITLE	REQUEST ID
12/906,941	10/18/2010	Todd E. Duffin	MDIP-1-2407	119127

Acknowledgement of Change to Small Entity Status

The entity status change request below filed through Private PAIR on 08/18/2020 has been accepted.

CERTIFICATIONS:

Change of Entity Status:

X 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

Doc Code: PA..
Document Description: Power of Attorney

PTO/AIA/82A (07-13)
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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/AIA82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.

Application Number	12/906,941
Filing Date	October 18, 2010
First Named Inventor	Todd E. Duffin
Title	CONTEXTUAL CHAPTER NAVIGATION
Art Unit	2175
Examiner Name	PARKER, JEANETTE J
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.**

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Doc Code: PA..
Document Description: Power of Attorney

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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: 172615

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	Charles D Ferraro	Date (Optional)	5/6/2022
Name	Charles Ferraro		
Title	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.**

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PTO/AIA/96 (08-12)
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STATEMENT UNDER 37 CFR 3.73(c)

Applicant/Patent Owner: TRUESIGHT COMMUNICATIONS LLC

Application No./Patent No.: 9,595,300 Filed/Issue Date: 03-14-2017

Titled: CONTEXTUAL CHAPTER NAVIGATION

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: DUFFIN, TODD E. & MALSBARY, TODD R. To: MOD SYSTEMS INCORPORATED

   The document was recorded in the United States Patent and Trademark Office at
   Reel 026181, Frame 0506, or for which a copy thereof is attached.

2. From: PHILLIPS, MARK E. To: MOD SYSTEMS INCORPORATED

   The document was recorded in the United States Patent and Trademark Office at
   Reel 026145, Frame 0693, or for which a copy thereof is attached.

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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

PTO/AIA/96 (08-12)
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STATEMENT UNDER 37 CFR 3.73(c)

3. From: MOD SYSTEMS INCORPORATED To: MOD ASSET PRESERVATION LLC

The document was recorded in the United States Patent and Trademark Office at
Reel 028712, Frame 0390, or for which a copy thereof is attached.

4. From: MOD ASSET PRESERVATION LLC To: MEDIA IP, LLC

The document was recorded in the United States Patent and Trademark Office at
Reel 028713, Frame 0657, or for which a copy thereof is attached.

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

The document was recorded in the United States Patent and Trademark Office at
Reel 059810, Frame 0410, 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/	2022-05-09
Signature	Date
Jialin Zhong	62,937
Printed or Typed Name	Title or Registration Number

[Page 2 of 2]

Privacy Act Statement

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

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

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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:	45667536
Application Number:	12906941
International Application Number:	
Confirmation Number:	1064
Title of Invention:	CONTEXTUAL CHAPTER NAVIGATION
First Named Inventor/Applicant Name:	Todd E. Duffin
Customer Number:	25315
Filer:	Jialin Zhong/Eddie Rowell
Filer Authorized By:	Jialin Zhong
Attorney Docket Number:	MDIP-1-2407
Receipt Date:	09-MAY-2022
Filing Date:	18-OCT-2010
Time Stamp:	16:29:28
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	POA82A.pdf	196651 668256e766de45fb2c65d6d0e35c9e52037807c5	no	1

Warnings:

Information:					
2	Power of Attorney	truesight_poa_signed_cferraro_6may22.pdf	876732 a0636a6172bc3dc37ea139e71f0afaca66375bbd	no	1
Warnings:					
Information:					
3	Assignee showing of ownership per 37 CFR 3.73	300_373c.pdf	125384 4d8e2588c4a046c3bc25bbf3c1a6f9aff0af1bfd	no	3
Warnings:					
Information:					
		Total Files Size (in bytes):	1198767		

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

New Applications Under 35 U.S.C. 111

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

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

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

New International Application Filed with the USPTO as a Receiving Office

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

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/906,941	10/18/2010	Todd E. Duffin	

CONFIRMATION NO. 1064

172615
Fabricant LLP
411 Theodore Fremd Road
Suite 206 South
Rye, NY 10580

POA ACCEPTANCE LETTER

OC000000133855990

Date Mailed: 05/16/2022

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 05/09/2022.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at **(571) 272-4000** or **(571) 272-4200** or **1-888-786-0101**.

/vostuart/

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/906,941	10/18/2010	Todd E. Duffin	MDIP-1-2407

CONFIRMATION NO. 1064

25315
LOWE GRAHAM JONES, PLLC
1325 Fourth Avenue
SUITE 1130
SEATTLE, WA 98101

POWER OF ATTORNEY NOTICE

OC000000133855972

Date Mailed: 05/16/2022

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 05/09/2022.

- The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at **(571) 272-4000** or **(571) 272-4200** or **1-888-786-0101**.

/vostuart/

AO 120 (Rev. 08/10)

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

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.	DATE FILED	U.S. DISTRICT COURT
2:23-cv-00643	12/29/2023	for the Eastern District of Texas, Marshall Division

PLAINTIFF	DEFENDANT
Truesight Communications LLC	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.	DATE FILED	U.S. DISTRICT COURT
2:24-cv-00031	1/22/2024	for the Eastern District of Texas, Marshall Division

PLAINTIFF	DEFENDANT
Truesight Communications LLC	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
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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**