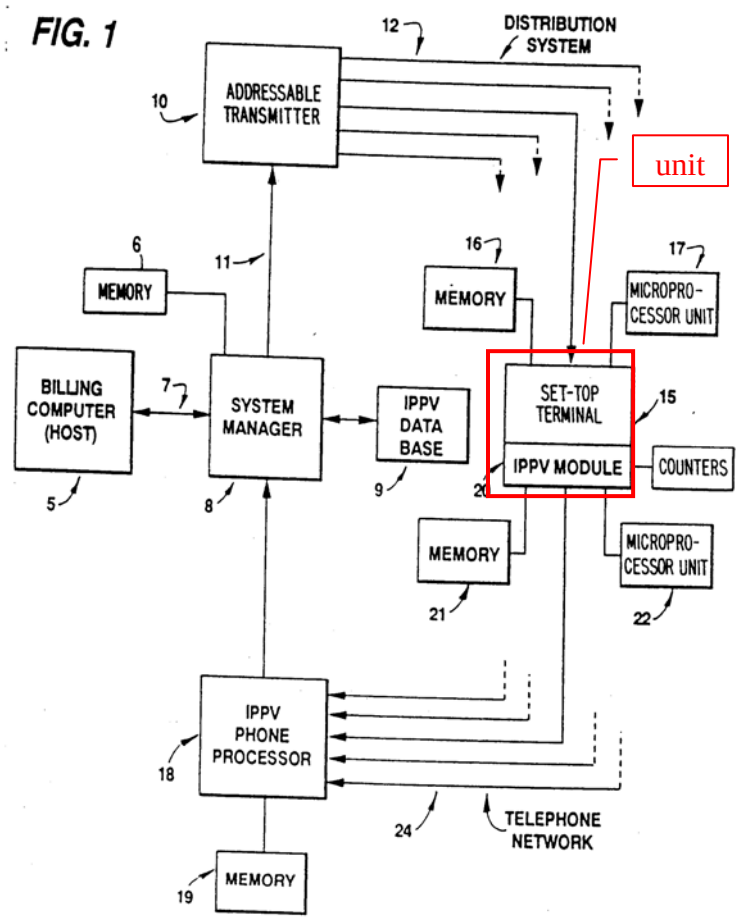
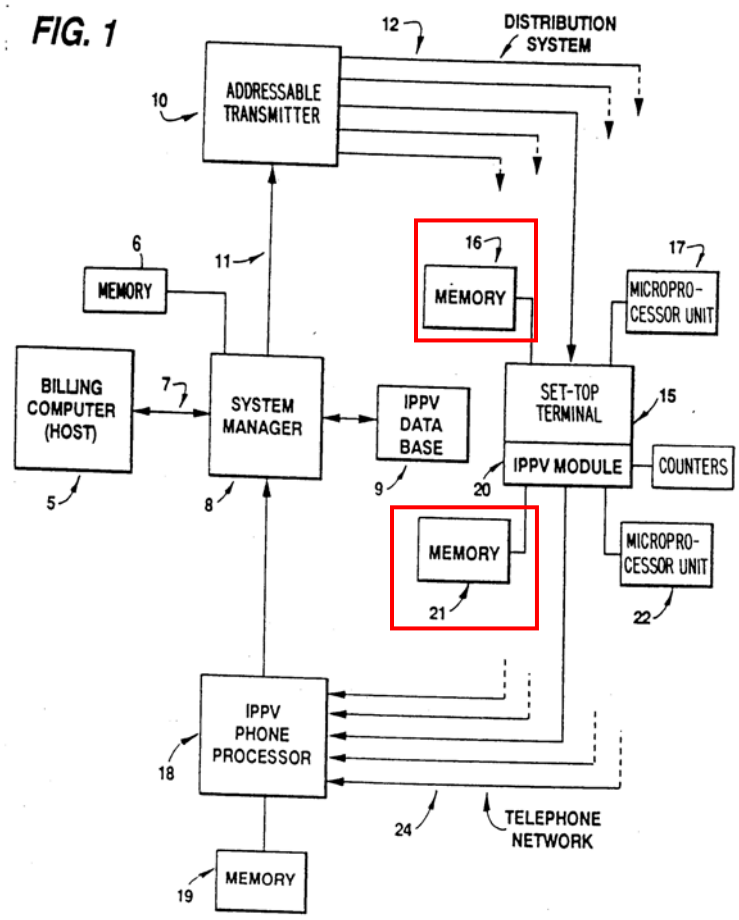
EXHIBIT CC-A

5,003,384 ("DURDEN") ANTICIPATES CLAIMS 1-6, 8-11, 13-15, 17-19, 21, 22, AND 25-32 OF US PATENT 7,620,565 UNDER 35 U.S.C. §102(B)

Claim 1	Disclosure In Durden
A unit, comprising:	Durden discloses a unit. Durden discloses a control apparatus ("unit"). "This object maybe achieved in **a control apparatus** for an individual subscriber in a cable television system…" (2:11-12) Durden discloses a set-top terminal ("unit") for a cable television system.  (Fig. 1)

Claim 1	Disclosure In Durden
	"Each subscriber in the addressable cable system is provided with **a set –top terminal (STT) 15** by the cable operator as schematically indicated in FIG. 1. STT 15 allows the subscriber to tune and descramble the services that he has requested from the cable system operator." (6:43–48)
a memory;	Durden discloses a memory.  (Fig. 1) "Module 20 allows the subscriber to authorize his STT to receive a pay–per–view event, store the data associated with the purchase of that event in **memory 21**, and transmit that stored data to the cable operator via the telephone network 24." (6:57–61)
a transmitter; and	Durden discloses a transmitter. "**A transmitter** coupled to the memory **transmits the**

Claim 1	Disclosure In Durden
	stored billing information over a telephone network." (3:39–41)
a processor, coupled to the memory and to the transmitter, configured to:	Durden discloses a processor, coupled to the memory and to the transmitter. Durden discloses a microprocessor ("processor"). "The control apparatus includes a receiver for receiving television signals, a detector for detecting any downloadable transactions contained in the television signals which are addressed to the corresponding subscriber, and **a microprocessor** for processing the transactions detected by the detector." (2:17-22) Durden discloses that the microprocessor is coupled to a memory. "**A memory is coupled to the microprocessor**…" (2:25-26) Durden discloses that the memory is coupled to the transmitter. "**A transmitter coupled to the memory** transmits the stored billing information over a telephone network." (3:39–41)
monitor a product for an occurrence in the product of a trigger event of a predefined plurality of trigger events,	Durden discloses that the processor is configured to monitor a product for an occurrence in the product of a trigger event of a predefined plurality of trigger events. Durden discloses a set-top terminal ("product"). "Each subscriber in the addressable cable system is provided with **a set-top terminal (STT) 15** by the cable operator as schematically indicated in FIG. 1. STT 15 allows the subscriber to tune and descramble the services that he has requested from the cable system operator." (6:43-48) Durden discloses counting elapsed time ("monitor[ing] … a trigger event") using a counter of the set-top terminal ("product"). "Once the subscriber has tuned to a channel on which a IPPV event is being shown, **a counter counts down** until the free **time has elapsed**." (10:47-49)

Claim 1	Disclosure In Durden
	Durden discloses a plurality of counters counting elapsed time on pay channels ("a predefined plurality of trigger events"). "each subscriber module has **a plurality of counters** corresponding to the number of pay channels. A preferred embodiment includes sixteen counters." (10:51-54)
increment a counter corresponding to the trigger event upon detection of the occurrence of the trigger event,	Durden discloses that the processor is configured to increment a counter corresponding to the trigger event upon detection of the occurrence of the trigger event. Durden discloses a security counter (*e.g.*, "counter") that allows a subscriber to view an IPPV programming as the time elapses ("detection of the occurrence of the trigger event"). "**A security counter** controls the length of time that an impulse pay-per-view module will allow the cable TV subscriber to view an impulse pay-per-view channel without receiving an IPPV authorization transaction." (11:17-20) Durden discloses decrementing a free time value in response to the counter (*e.g.*, "counter") that counts the elapsed time ("trigger event"). "The memory cell stores the IPPV event free time which is periodically **stepped or decremented responsive to the counter** until free time has lapsed for the associated IPPV event channel and, the **stepping or decrementing occurs** only when the IPPV event on that channel is being displayed and only after preview time has expired." (10:60-66) Durden also discloses decrementing a free time counter (*e.g.*, "counter") when the free time elapses ("trigger event"). It is understood that a disclosure of decrementing a counter teaches incrementing the counter. "The free time counter is then allowed to **count down or decrement** whenever the subscriber is tuned to that particular channel. The counter is **decremented** on the average every sixty seconds." (11:9-12)
cause the display of a user interface, configured to probe for information	Durden discloses that the processor is configured to cause the display of a user interface, configured to probe for information regarding a use of the product.

Claim 1	Disclosure In Durden
regarding a use of the product,	Durden discloses a hand-held remote, a set-top box/converter having an LED display, and a television (collectively "a user interface"). "The process for performing a pre-buy with a **Scientific Atlanta Set-top Model 8550 or 8585** is illustrated in FIG. 3. With the **converter turned on**, the subscriber depresses the **keyboard keys** "PRG" and "-" of his **hand-held remote control**. If an access code is required to purchase programming, this must be entered before the converter will enter the IPPV mode and display "VCR" using **LED elements**." (11:66-12:5) Durden discloses that a programming guide is available for probing programming information ("information regarding a use of the product") when the counter has lapsed and before the counter has lapsed. "An improperly keyed access code denies one the ability to purchase programming. Once in the IPPV mode, depression of the "AU" key creates access to the pre-buy mode. Once in the pre-buy mode, the **subscriber simply enters the three or four digit event ID number of the program he wishes to purchase**. The ID numbers may be provided in **a programming guide**, for example." (12:5-12) Durden discloses a preview time and a free time ("information regarding a use of the product") of a pay-per-view event. "**Preview time** is defined as a period or window of time at the beginning of an event during which the event or a preview of a future event may be watched without being purchased. **Free time** is defined as a cumulative length of time during an event that the event may be watched without being purchased." (10:20-25) Durden also discloses an example of setting a preview time (*e.g.*, 8:00-8:30 pm) and a free time (*e.g.*, 8:30-8:34 pm, 9:10-9:15 pm, 9:45-9:50 pm) of a movie (8:00-10:00 pm). It is understood that the information regarding the preview time and free time is displayed on the channel being displayed on the subscriber's television terminal. "For example, suppose the IPPV event consists of **a movie with a starting time of 8:00 p.m. and an ending time of 10:00 p.m**. The system operator may designate a block of time, say from **8:00-8:30**, during which the

Claim 1	Disclosure In Durden
	movie may be viewed without the viewer having to purchase the movie. This would constitute the **preview time**. The system operator may elect to permit additional viewing of the movie for a total of fourteen minutes during the event time. Thus, after the preview time has expired, a total of fourteen minutes of the event may be viewed. An example of how this **free time** may be used is from **8:30-8:34, 9:10-9:15, and 9:45-9:50**. There is no restriction on how the free time is used as long as it does not exceed its predetermined value, in this case, fourteen minutes." (10:29-43). Durden discloses cutting off viewing or scrambling the channel ("displaying a user interface") of an expired pay-per-view event ("information regarding a use of the product"). "If an event is both a pay-per-view event and an impulse pay-per-view event, as frequently happens, and a subscriber buys the event as a pay-per-view event, the microprocessor 22 in the IPPV module would normally **cut off viewing after the allocated free time had expired**." (12:44-48)
if the counter exceeds a threshold,	Durden discloses the processor is configured to cause the display of a user interface, if the counter exceeds a threshold. Durden discloses a predetermined value ("a threshold"). "There is no restriction on how the free time is used as long as it does not exceed its **predetermined value**, in this case, fourteen minutes." (10:40-43). "The **predetermined value or sum of free time** is set by selecting a value for the free time bit pattern F." (10:44-45). Durden discloses decrementing the counter to zero ("the counter exceeds a threshold"). It is understood that the counting down a counter from a predetermined value teaches that the counter exceeds a threshold. "When **the counter equals zero**, the event must be purchased to enable further viewing." (10:49-51). Durden discloses decrementing a free time value until the free time has lapsed ("if the counter exceeds a threshold").

Claim 1	Disclosure In Durden
	"The memory cell stores the IPPV event free time which is periodically **stepped or decremented responsive to the counter until free time has lapsed** for the associated IPPV event channel and, the stepping or decrementing occurs only when the IPPV event on that channel is being displayed and only **after preview time has expired**." (10:60-66). The time lapse of a preview time and/or a free time ("if the counter exceeds a threshold") alters the display (part of "user interface") to close out the preview/free view of the pay-per-view event. "**When that length of time has elapsed**, the impulse pay-per-view module will deauthorize all impulse pay-per-view channels and "**close out" all impulse pay-per-view events that are in progress**." (11:21-24)
cause the memory to store an input received from the user interface, and	Durden discloses that the processor is configured to cause the memory to store an input received from the user interface. Durden discloses that an access code ("input") is entered by the subscriber. "They allow the Host 5 to authorize a subscriber for IPPV purchases and define the "**access code**" **that must be entered by the subscriber** in order to purchase an IPPV event." (7:19-22) Durden discloses that the subscriber enters the access code by depressing the keyboard keys of a hand-held remote control ("user interface"). "With the converter turned on, the subscriber depresses the keyboard keys "PRG" and "-" of his **hand-held remote control**. If **an access code** is required to purchase programming, **this must be entered** before the converter will enter the IPPV mode and display "VCR" using LED elements." (11:68-12:5) Durden also discloses that the event ID number ("input") associated with the purchased pay-per-view program is stored in the memory. "Module 20 allows the subscriber to authorize his STT to receive a pay-per-view event, **store the data associated with the purchase of that event in memory 21**, and transmit that **stored data** to the cable operator via the

Claim 1	Disclosure In Durden
	telephone network 24." (6:57-61) Durden discloses that the IPPV module of the set-top terminal stores data (*e.g.*, access code and event ID number) associated with the purchase of the purchased pay-per-view program. "Once in the pre-buy mode, the subscriber simply **enters the three or four digit event ID number** of the program he wishes to purchase. The ID numbers may be provided in a programming guide, for example. After the last digit of each program ID has been entered, it is **stored in nonvolatile memory 21 of the module**." (12:8-14)
cause the transmitter to transmit the input to a server.	Durden discloses that the processor is configured to cause the transmitter to transmit the input to a server. Durden discloses transmitting the stored data (*e.g.*, access code and event ID number) to a cable operator ("server"). "Module 20 allows the subscriber to authorize his STT to receive a pay-per-view event, store the **data associated with the purchase of that event** in memory 21, **and transmit that stored data to the cable operator via the telephone network 24**." (6:57-61) Durden discloses transmitting the record of PPV events (*e.g.*, access code and event ID number) purchased by a subscriber to a system manager ("server"). "This data is **transmitted to the system manager** by the IPPV module 20 via the telephone network 24 and contains **a record of which PPV events have been purchased by each subscriber**." (7:36-39)

Claim 2	Disclosure In Durden
The unit of claim 1,	Durden discloses the unit of claim 1 as described above.
wherein the input reflects a request to schedule maintenance.	Durden discloses that the input reflects a request to schedule maintenance. Durden discloses the subscriber requests an IPPV service/PPV event. "Each subscriber in the addressable cable system is provided with a set-top terminal (STT) 15 by the cable operator as schematically indicated in FIG. 1. STT 15

Claim 2	Disclosure In Durden
	allows the subscriber to tune and descramble the **services that he has requested** from the cable system operator." (6:43-48) "…the present system is also adapted to download an IPPV pre-buy in response to a customer's phone **request for a PPV event**." (12:36-38) Durden discloses that the subscriber's request causes the system manger to schedule the authorization/deauthorization of the requested PPV event. "System manager 8 will **schedule the global authorization and deauthorization of PPV events**." (6:28-30) Durden discloses that the subscriber's request for a PPV event is maintained at the billing computer and the system manager. "…billing computer 5 functions to control IPPV service, **maintain IPPV access codes**, control IPPV event billing, and **maintain PPV event** and preview definitions." (4:59-61) "It is important that the system manager **maintains a record of this authorized pre-buy** to prevent the record of the impulse purchase from being sent to the billing computer." (12:58-61) "**Both the IPPV access code and IPPV service code will be maintained** for each IPPV equipped converter **in the system manager converter data base**." (5:51-53) It is understood from these teachings of Durden that the subscriber's request is to schedule maintenance.

Claim 3	Disclosure In Durden
The unit of claim 1,	Durden discloses the unit of claim 1 as described above.
wherein the input reflects a submission of a purchase order.	Durden discloses that input reflects a request to schedule maintenance. Durden discloses the subscriber requests an IPPV service/PPV event. "Each subscriber in the addressable cable system is provided with a set-top terminal (STT) 15 by the cable

Claim 3	Disclosure In Durden
	operator as schematically indicated in FIG. 1. STT 15 allows the subscriber to tune and descramble the **services that he has requested** from the cable system operator." (6:43-48) "…the present system is also adapted to download an IPPV pre-buy in response to a customer's phone **request for a PPV event**." (12:36-38) Durden discloses the subscriber's request is for purchasing the IPPV/PPV program ("submission of a purchase order"). "An improperly keyed access code denies one the ability to purchase programming. Once in the IPPV mode, depression of the "AU" key creates access to the pre-buy mode. Once in the pre-buy mode, the **subscriber simply enters the three or four digit event ID number of the program he wishes to purchase**. The ID numbers may be provided in **a programming guide**, for example." (12:5-12)

Claim 4	Disclosure In Durden
The unit of claim 1,	Durden discloses the unit of claim 1 as described above.
wherein the input reflects a request for interactive assistance.	Durden discloses that the input reflects a request for interactive assistance. Durden discloses that a programming guide is available interactive assistance. It is understood that the programming guide provides interactive assistance. "The ID numbers may be provided in **a programming guide**, for example." (12:11-12)

Claim 5	Disclosure in Durden
The unit of claim 1, wherein the processor is further configured to:	Durden discloses the unit of claim 1 as described above.
monitor the product for an occurrence in the product of a second trigger event	Durden discloses monitoring the product for an occurrence in the product of a second trigger event of the predefined plurality of trigger events.

of the predefined plurality of trigger events, and	Durden discloses counting elapsed time ("monitoring … a trigger event") using a counter of the set-top terminal ("product"). "Once the subscriber has tuned to a channel on which a IPPV event is being shown, **a counter counts down** until the free **time has elapsed**." (10:47-49) Durden discloses counting elapsed time on each of the plurality of pay channels ("occurrence in the product of a second trigger event"). "each subscriber module has **a plurality of counters** corresponding to the number of pay channels. A preferred embodiment includes sixteen counters." (10:51-54)
increment a second counter corresponding to the second trigger event upon detection of the occurrence of the second trigger event in the product.	Durden discloses incrementing a second counter corresponding to the second trigger event upon detection of the occurrence of the second trigger event in the product. Durden discloses a plurality of counters including "a second counter" that counts elapsed time on the corresponding pay channel ("occurrence of the second trigger event"). "each subscriber module has **a plurality of counters corresponding to the number of pay channels**. A preferred embodiment includes sixteen counters." (10:51-54)

Claim 6	Disclosure in Durden
The unit of claim 5, wherein the processor is further configured to:	Durden discloses the unit of claim 5 as described above.
cause the memory to store the second counter; and	Durden discloses that the processor is configured to cause the memory to store the second counter. Durden discloses a plurality of counters including "a second counter." "each subscriber module has **a plurality of counters** corresponding to the number of pay channels. A preferred embodiment includes sixteen counters." (10:51-54) It is understood from this disclosure that the second counter is stored in memory.
cause the transmitter	Durden discloses that the processor is configured to cause the

to transmit a value of the second counter.	transmitter to transmit a value of the second counter. Durden discloses transmitting the data associated with the purchase. "Module 20 allows the subscriber to authorize his STT to receive a pay–per–view event, **store the data associated with the purchase of that event in memory 21**, and **transmit that stored data** to the cable operator via the telephone network 24." (6:57–61) It is understood from this disclosure that the data associated with the purchase including "a value of the second counter" is transmitted to the billing computer.

Claim 8	Disclosure In Durden
The unit of claim 1,	Durden discloses the unit of claim 1 as described above.
wherein one of the predefined plurality of trigger events is a problem associated with the product.	Durden discloses that one of the predefined plurality of trigger events is a problem associated with the product. Durden discloses detecting an unsuccessful response from a phone processor ("problem associated with the product"). "after dialing the phone processor, the phone processor sends a signal to the module indicating it has gone off hook. The module will then send its data. Afterwards **the phone processor sends a signal indicating it has received the data**. … These parameters may be sent as part of the transaction shown in FIG. 6. The bit patterns TL0-TL1 represent the **call back attempt** limit and may include values from zero to FF, with zero used to instruct the module to stop calling. L0-L1 represent the host time out or how long the module will wait after dialing the last digit for the first signal from the phone processor. **If no response is received, the IPPV module will consider the call to be unsuccessful and retry at a later time**." (13:19-36)

Claim 9	Disclosure In Durden
The method [sic] of claim 8,	Durden discloses the method [sic] of claim 8 as described above.
wherein the problem is an equipment problem.	Durden discloses that the problem is an equipment problem. Durden discloses detecting an unsuccessful response from a phone processor. It is understood the unsuccessful transaction could be caused

Claim 9	Disclosure In Durden
	by an equipment problem. "after dialing the phone processor, the phone processor sends a signal to the module indicating it has gone off hook. The module will then send its data. Afterwards **the phone processor sends a signal indicating it has received the data**. … These parameters may be sent as part of the transaction shown in FIG. 6. The bit patterns TL0-TL1 represent the **call back attempt** limit and may include values from zero to FF, with zero used to instruct the module to stop calling. L0-L1 represent the host time out or how long the module will wait after dialing the last digit for the first signal from the phone processor. **If no response is received, the IPPV module will consider the call to be unsuccessful and retry at a later time**." (13:19-36)

Claim 10	Disclosure In Durden
The unit of claim 1,	Durden discloses the unit of claim 1 as described above.
wherein a trigger event of the predefined plurality of trigger events is a use of at least one product feature.	Durden discloses that a trigger event of the predefined plurality of trigger events is a use of at least one product feature. Durden discloses using a hand-held remote ("one product feature") to enter an access code. "With the **converter turned on**, the subscriber depresses the **keyboard keys** "PRG" and "-" of his **hand-held remote control**." (11:68-12:2)

Claim 11	Disclosure In Durden
The method [sic] of claim 10,	Durden discloses the method [sic] of claim 10 as described above.
wherein the at least one product feature is "undo."	Durden discloses that the at least one product feature is "undo." Durden discloses canceling ("undo") any event. "After the last digit of each program ID has been entered, it is stored in nonvolatile memory 21 of the module. As indicated, it is possible to step through the list of programs which have been pre-bought with an opportunity to **cancel any event** which the subscriber no longer wishes to view or which have erroneously

Claim 11	Disclosure In Durden
	entered." (12:12-18)

Claim 13	Disclosure In Durden
The unit of claim 1,	Durden discloses the unit of claim 1 as described above.
wherein the product is a cellular telephone.	Durden discloses that the product is a cellular telephone. Durden discloses that the subscriber's module/set-top terminal ("product") includes a telephone. It is understood that the telephone can be a cellular telephone. "The present invention is further concerned with a method of instructing a plurality of subscriber modules to report over **a public telephone network** billing information associated with the viewing of selected events on the plurality of channels. A transaction is downloaded to **the subscriber module which includes a telephone number** corresponding to a storage means for storing billing information associated with the plurality of subscribers." (3:3-11)

Claim 14	Disclosure In Durden
The unit of claim 1,	Durden discloses the unit of claim 1 as described above.
wherein the processor is further configured to increment the counter corresponding to the trigger event upon detection of a second occurrence of the trigger event.	Durden discloses that the processor is further configured to increment the counter corresponding to the trigger event upon detection of a second occurrence of the trigger event. Durden discloses decrementing a free time value in response to the counter (*e.g.*, "counter") that counts the elapsed time ("trigger event"). "The memory cell stores the IPPV event free time which is periodically **stepped or decremented responsive to the counter** until free time has lapsed for the associated IPPV event channel and, the **stepping or decrementing occurs** only when the IPPV event on that channel is being displayed and only after preview time has expired." (10:60-66) Durden discloses that the free time counter is decremented every sixty seconds ("a second occurrence of the trigger event"). "The free time counter is then allowed to count down or decrement whenever the subscriber is tuned to that

Claim 14	Disclosure In Durden
	particular channel. The counter is decremented on the **average every sixty seconds**." (11:9-12)

Claim 15	Disclosure In Durden
A method, comprising:	Durden a method. "The present invention is further concerned with a **method** of pre-buying a selected event which is being shown on one of a plurality of channels." (2:56-58) "The present invention is further concerned with a **method** of instructing a plurality of subscriber modules to report over a public telephone network billing information associated with the viewing of selected events on the plurality of channels." (3:3-7) "The present invention is further concerned with a **method** of transmitting billing information associated with the viewing of selected events on a plurality of channels from a subscriber module to the headend office." (3:14-17)
monitoring a product for an occurrence in the product of a trigger event of a predefined plurality of trigger events;	Durden discloses monitoring a product for an occurrence in the product of a trigger event of a predefined plurality of trigger events. Durden discloses a set-top terminal ("product"). "Each subscriber in the addressable cable system is provided with **a set-top terminal (STT) 15** by the cable operator as schematically indicated in FIG. 1. STT 15 allows the subscriber to tune and descramble the services that he has requested from the cable system operator." (6:43-48) Durden discloses counting elapsed time ("monitoring … a trigger event") using a counter of the set-top terminal ("product"). "Once the subscriber has tuned to a channel on which a IPPV event is being shown, **a counter counts down** until the free **time has elapsed**." (10:47-49) Durden discloses a plurality of counters counting elapsed time on pay channels ("a predefined plurality of trigger events"). "each subscriber module has **a plurality of counters**

Claim 15	Disclosure In Durden
	corresponding to the number of pay channels. A preferred embodiment includes sixteen counters." (10:51-54)
incrementing a counter corresponding to the trigger event upon detection of the occurrence of the trigger event in the product;	Durden discloses incrementing a counter corresponding to the trigger event upon detection of the occurrence of the trigger event in the product. Durden discloses a security counter (*e.g.*, "counter") that allows a subscriber to view an IPPV programming as the time elapses ("detection of the occurrence of the trigger event"). "**A security counter** controls the length of time that an impulse pay-per-view module will allow the cable TV subscriber to view an impulse pay-per-view channel without receiving an IPPV authorization transaction." (11:17-20) Durden discloses decrementing a free time value in response to the counter (*e.g.*, "counter") that counts the elapsed time ("trigger event"). "The memory cell stores the IPPV event free time which is periodically **stepped or decremented responsive to the counter until free time has lapsed** for the associated IPPV event channel and, the **stepping or decrementing occurs** only when the IPPV event on that channel is being displayed and only **after preview time has expired**." (10:60-66) Durden also discloses decrementing a free time counter (*e.g.*, "counter") when the free time elapses ("trigger event"). It is understood that a disclosure of decrementing a counter teaches incrementing the counter. "The free time counter is then allowed to **count down or decrement** whenever the subscriber is tuned to that particular channel. The counter is **decremented** on the average every sixty seconds." (11:9-12)
displaying a user interface, configured to probe for information regarding a use of the product,	Durden discloses displaying a user interface, configured to probe for information regarding a use of the product. Durden discloses a hand-held remote, a set-top box/converter having an LED display, and a television (collectively "a user interface"). "The process for performing a pre-buy with a **Scientific Atlanta Set-top Model 8550 or 8585** is illustrated in

Claim 15	Disclosure In Durden
	FIG. 3. With the **converter turned on**, the subscriber depresses the **keyboard keys** "PRG" and "-" of his **hand-held remote control**. If an access code is required to purchase programming, this must be entered before the converter will enter the IPPV mode and display "VCR" using **LED elements**." (11:66-12:5) Durden discloses that a programming guide is available for probing programming information ("information regarding a use of the product") when the counter has lapsed and before the counter has lapsed. "An improperly keyed access code denies one the ability to purchase programming. Once in the IPPV mode, depression of the "AU" key creates access to the pre-buy mode. Once in the pre-buy mode, the **subscriber simply enters the three or four digit event ID number of the program he wishes to purchase**. The ID numbers may be provided in **a programming guide**, for example." (12:5-12) Durden discloses a preview time and a free time ("information regarding a use of the product") of a pay-per-view event. "**Preview time** is defined as a period or window of time at the beginning of an event during which the event or a preview of a future event may be watched without being purchased. **Free time** is defined as a cumulative length of time during an event that the event may be watched without being purchased." (10:20-25) Durden also discloses an example of setting a preview time (*e.g.*, 8:00-8:30 pm) and a free time (*e.g.*, 8:30-8:34 pm, 9:10-9:15 pm, 9:45-9:50 pm) of a movie (8:00-10:00 pm). It is understood that the information regarding the preview time and free time is displayed on the channel being displayed on the subscriber's television terminal. "For example, suppose the IPPV event consists of **a movie with a starting time of 8:00 p.m. and an ending time of 10:00 p.m**. The system operator may designate a block of time, say from **8:00-8:30**, during which the movie may be viewed without the viewer having to purchase the movie. This would constitute the **preview time**. The system operator may elect to permit additional viewing of the movie for a total of fourteen minutes during the event time. Thus, after the preview time has

Claim 15	Disclosure In Durden
	expired, a total of fourteen minutes of the event may be viewed. An example of how this **free time** may be used is from **8:30-8:34, 9:10-9:15, and 9:45-9:50**. There is no restriction on how the free time is used as long as it does not exceed its predetermined value, in this case, fourteen minutes." (10:29-43). Durden discloses cutting off viewing or scrambling the channel ("displaying a user interface") of an expired pay-per-view event ("information regarding a use of the product"). "If an event is both a pay-per-view event and an impulse pay-per-view event, as frequently happens, and a subscriber buys the event as a pay-per-view event, the microprocessor 22 in the IPPV module would normally **cut off viewing after the allocated free time had expired**." (12:44-48)
if the counter exceeds a threshold;	Durden discloses displaying the user interface, if the counter exceeds a threshold. Durden discloses a predetermined value ("a threshold"). "There is no restriction on how the free time is used as long as it does not exceed its **predetermined value**, in this case, fourteen minutes." (10:40-43). "The **predetermined value or sum of free time** is set by selecting a value for the free time bit pattern F." (10:44-45). Durden discloses decrementing the counter to zero ("the counter exceeds a threshold"). It is understood that the counting down a counter from a predetermined value teaches that the counter exceeds a threshold. "When **the counter equals zero**, the event must be purchased to enable further viewing." (10:49-51). Durden discloses decrementing a free time value until the free time has lapsed ("if the counter exceeds a threshold"). "The memory cell stores the IPPV event free time which is periodically **stepped or decremented responsive to the counter until free time has lapsed** for the associated IPPV event channel and, the stepping or decrementing occurs only when the IPPV event on that channel is being

Claim 15	Disclosure In Durden
	displayed and only **after preview time has expired**." (10:60-66). The time lapse of a preview time and/or a free time ("if the counter exceeds a threshold") alters the display (part of "user interface") to close out the preview/free view of the pay-per-view event. "**When that length of time has elapsed**, the impulse pay-per-view module will deauthorize all impulse pay-per-view channels and "**close out" all impulse pay-per-view events that are in progress**." (11:21-24)
storing an input received from the user interface on a device; and	Durden discloses storing an input received from the user interface on a device. Durden discloses that an access code ("input") is entered by the subscriber. "They allow the Host 5 to authorize a subscriber for IPPV purchases and define the "**access code" that must be entered by the subscriber** in order to purchase an IPPV event." (7:19-22) Durden discloses that the subscriber enters the access code by depressing the keyboard keys of a hand-held remote control ("user interface"). "With the converter turned on, the subscriber depresses the keyboard keys "PRG" and "-" of his **hand-held remote control**. If **an access code** is required to purchase programming, **this must be entered** before the converter will enter the IPPV mode and display "VCR" using LED elements." (11:68-12:5) Durden also discloses that the event ID number ("input") associated with the purchased pay-per-view program is stored in the memory. "Module 20 allows the subscriber to authorize his STT to receive a pay-per-view event, **store the data associated with the purchase of that event in memory 21**, and transmit that **stored data** to the cable operator via the telephone network 24." (6:57-61) Durden discloses that the IPPV module of the set-top terminal stores data (*e.g.*, access code and event ID number) associated with the purchase of the purchased pay-per-view program.

Claim 15	Disclosure In Durden
	"Once in the pre-buy mode, the subscriber simply **enters the three or four digit event ID number** of the program he wishes to purchase. The ID numbers may be provided in a programming guide, for example. After the last digit of each program ID has been entered, it is **stored in nonvolatile memory 21 of the module**." (12:8-14)
transmitting the input to a server.	Durden discloses transmitting the input to a server. Durden discloses transmitting the stored data (*e.g.*, access code and event ID number) to a cable operator ("server"). "Module 20 allows the subscriber to authorize his STT to receive a pay-per-view event, store the **data associated with the purchase of that event** in memory 21, **and transmit that stored data to the cable operator via the telephone network 24**." (6:57-61) Durden discloses transmitting the record of PPV events (*e.g.*, access code and event ID number) purchased by a subscriber to a system manager ("server"). "This data is **transmitted to the system manager** by the IPPV module 20 via the telephone network 24 and **contains a record of which PPV events have been purchased by each subscriber**." (7:36-39)

Claim 17	Disclosure In Durden
The method of claim 15, further comprising:	Durden discloses the method of claim 15 as described above.
monitoring the product for an occurrence in the product of a second trigger event of the predefined plurality of trigger events;	Durden discloses monitoring the product for an occurrence in the product of a second trigger event of the predefined plurality of trigger events. Durden discloses counting elapsed time ("monitoring … a trigger event") using a counter of the set-top terminal ("product"). "Once the subscriber has tuned to a channel on which a IPPV event is being shown, **a counter counts down** until the free **time has elapsed**." (10:47-49) Durden discloses counting elapsed time on each of the plurality of pay

	channels ("occurrence in the product of a second trigger event"). "each subscriber module has **a plurality of counters corresponding to the number of pay channels**. A preferred embodiment includes sixteen counters." (10:51-54)
incrementing a value of a second counter corresponding to the second trigger event upon detection of the second trigger event in the product.	Durden discloses incrementing a value of a second counter corresponding to the second trigger event upon detection of the second trigger event in the product. Durden discloses a plurality of counters including "a second counter" that counts elapsed time on the corresponding pay channel ("occurrence of the second trigger event"). "each subscriber module has **a plurality of counters** corresponding to the number of pay channels. A preferred embodiment includes sixteen counters." (10:51-54)

Claim 18	Disclosure In Durden
The method of claim 17, further comprising:	Durden discloses the method of claim 17 as described above.
storing the second counter on the device; and	Durden discloses storing the second counter on the device. Durden discloses a plurality of counters including "a second counter." "each subscriber module has **a plurality of counters** corresponding to the number of pay channels. A preferred embodiment includes sixteen counters." (10:51-54) It is understood from this disclosure that the second counter is stored in memory.
transmitting a value of the second counter to the server.	Durden discloses signaling to the host computer that a batch has been completed ("value of the second counter"). Durden discloses transmitting the data associated with the purchase. "Module 20 allows the subscriber to authorize his STT to receive a pay–per–view event, **store the data associated with the purchase of that event in memory 21**, and **transmit that stored data** to the cable operator via the telephone network 24." (6:57–61) It is understood from this disclosure that the data associated with

	the purchase including “a value of the second counter” is transmitted to the billing computer.

Claim 19	Disclosure In Durden
The method of claim 15,	Durden discloses the method of claim 15 as described above.
wherein one of the predefined plurality of trigger events is a problem associated with the product.	Durden discloses that one of the predefined plurality of trigger events is a problem associated with the product. Durden discloses detecting an unsuccessful response from a phone processor (“problem associated with the product”). “after dialing the phone processor, the phone processor sends a signal to the module indicating it has gone off hook. The module will then send its data. Afterwards **the phone processor sends a signal indicating it has received the data**. … These parameters may be sent as part of the transaction shown in FIG. 6. The bit patterns TL0-TL1 represent the **call back attempt** limit and may include values from zero to FF, with zero used to instruct the module to stop calling. L0-L1 represent the host time out or how long the module will wait after dialing the last digit for the first signal from the phone processor. **If no response is received, the IPPV module will consider the call to be unsuccessful and retry at a later time**.” (13:19-36)

Claim 21	Disclosure In Durden
The method of claim 19,	Durden discloses the method of claim 19 as described above.
wherein the problem is an equipment problem.	Durden discloses that the problem is an equipment problem. Durden discloses detecting an unsuccessful response from a phone processor. It is understood the unsuccessful transaction could be caused by an equipment problem. “after dialing the phone processor, the phone processor sends a signal to the module indicating it has gone off hook. The module will then send its data. Afterwards **the phone processor sends a signal indicating it has received the data**. … These parameters may be sent as part of the transaction shown in FIG. 6. The bit patterns TL0-TL1 represent the **call back attempt** limit and may include values from zero to FF, with zero used to instruct the module to stop calling. L0-L1 represent the host time

Claim 21	Disclosure In Durden
	out or how long the module will wait after dialing the last digit for the first signal from the phone processor. **If no response is received, the IPPV module will consider the call to be unsuccessful and retry at a later time**." (13:19-36)

Claim 22	Disclosure In Durden
The method of claim 15,	Durden discloses the method of claim 15 as described above.
wherein one of the predefined plurality of trigger events is a use of at least one product feature.	Durden discloses that one of the predefined plurality of trigger events is a use of at least one product feature. Durden discloses using a hand-held remote ("one product feature") to enter an access code. "With the **converter turned on**, the subscriber depresses the **keyboard keys** "PRG" and "-" of his **hand-held remote control**." (11:68-12:2)

Claim 25	Disclosure In Durden
The method of claim 15,	Durden discloses the method of claim 15 as described above.
wherein the product is a cellular telephone.	Durden discloses that the product is a cellular telephone. Durden discloses that the subscriber's module/set-top terminal ("product") includes a telephone. It is understood that the telephone can be a cellular telephone. "The present invention is further concerned with a method of instructing a plurality of subscriber modules to report over **a public telephone network** billing information associated with the viewing of selected events on the plurality of channels. A transaction is downloaded to **the subscriber module which includes a telephone number** corresponding to a storage means for storing billing information associated with the plurality of subscribers." (3:2-11)

Claim 26	Disclosure In Durden
The method of claim 15,	Durden discloses the method of claim 15 as described above.
further comprising:	Durden discloses incrementing the counter corresponding to the trigger

Claim 26	Disclosure In Durden
incrementing the counter corresponding to the trigger event upon detection of a second occurrence of the trigger event in the product.	event upon detection of a second occurrence of the trigger event in the product. Durden discloses decrementing a free time value in response to the counter (*e.g.*, "counter") that counts the elapsed time ("trigger event"). "The memory cell stores the IPPV event free time which is periodically **stepped or decremented responsive to the counter** until free time has lapsed for the associated IPPV event channel and, the **stepping or decrementing occurs** only when the IPPV event on that channel is being displayed and only after preview time has expired." (10:60-66) Durden discloses that the free time counter is decremented every sixty seconds ("a second occurrence of the trigger event"). "The free time counter is then allowed to count down or decrement whenever the subscriber is tuned to that particular channel. The counter is decremented on the **average every sixty seconds**." (11:9-12)

Claim 27	Disclosure In Durden
A tangible computer readable medium having stored thereon, computer executable instructions that, if executed by a computing device, cause the computing device to perform a method comprising:	Durden discloses a tangible computer readable medium having stored thereon, computer executable instructions that, if executed by a computing device, cause the computing device to perform a method. Durden discloses a control apparatus ("computing device") for an individual subscriber in a cable television system. "This object may be achieved in **a control apparatus** for an individual subscriber in a cable television system which distributes a television signal from a headend office to a plurality of subscribers…" (2:11-14) Durden discloses a processor ("computing device") that processes instructions. "**A processor processes instructions** from a system operator." (2:44-45) Durden discloses a non-volatile memory (NVM) ("tangible computer readable medium") for storing parameters ("instructions"). "The subscriber is then billed for the events that he has

Claim 27	Disclosure In Durden
	purchased. IPPV module 20 receives the IPPV transactions from ATX 10 via distribution system 12 and **stores the IPPV parameters in non-volatile memory (NVM 21)**." (6:61-65).
monitoring a product for an occurrence in the product of a trigger event of a predefined plurality of trigger events,	Durden discloses monitoring a product for an occurrence in the product of a trigger event of a predefined plurality of trigger events. Durden discloses a set-top terminal ("product"). "Each subscriber in the addressable cable system is provided with **a set-top terminal (STT) 15** by the cable operator as schematically indicated in FIG. 1. STT 15 allows the subscriber to tune and descramble the services that he has requested from the cable system operator." (6:43-48) Durden discloses counting elapsed time ("monitoring … a trigger event") using a counter of the set-top terminal ("product"). "Once the subscriber has tuned to a channel on which a IPPV event is being shown, **a counter counts down** until the free **time has elapsed**." (10:47-49) Durden discloses a plurality of counters counting elapsed time on pay channels ("a predefined plurality of trigger events"). "each subscriber module has **a plurality of counters** corresponding to the number of pay channels. A preferred embodiment includes sixteen counters." (10:51-54)
incrementing a counter corresponding to the trigger event upon detection of the occurrence of the trigger event in the product;	Durden discloses incrementing a counter corresponding to the trigger event upon detection of the occurrence of the trigger event in the product. Durden discloses a security counter (*e.g.*, "counter") that allows a subscriber to view an IPPV programming as the time elapses ("detection of the occurrence of the trigger event"). "**A security counter** controls the length of time that an impulse pay-per-view module will allow the cable TV subscriber to view an impulse pay-per-view channel without receiving an IPPV authorization transaction." (11:17-20)

Claim 27	Disclosure In Durden
	Durden discloses decrementing a free time value in response to the counter (*e.g.*, “counter”) that counts the elapsed time (“trigger event”). “The memory cell stores the IPPV event free time which is periodically **stepped or decremented responsive to the counter until free time has lapsed** for the associated IPPV event channel and, the **stepping or decrementing occurs** only when the IPPV event on that channel is being displayed and only **after preview time has expired**.” (10:60-66) Durden also discloses decrementing a free time counter (*e.g.*, “counter”) when the free time elapses (“trigger event”). It is understood that a disclosure of decrementing a counter teaches incrementing the counter. “The free time counter is then allowed to **count down or decrement** whenever the subscriber is tuned to that particular channel. The counter is **decremented** on the average every sixty seconds.” (11:9-12)
displaying a user interface, configured to probe for information regarding a use of the product,	Durden discloses displaying a user interface, configured to probe for information regarding a use of the product. Durden discloses a hand-held remote, a set-top box/converter having an LED display, and a television (collectively “a user interface”). “The process for performing a pre-buy with a **Scientific Atlanta Set-top Model 8550 or 8585** is illustrated in FIG. 3. With the **converter turned on**, the subscriber depresses the **keyboard keys** "PRG" and "-" of his **hand-held remote control**. If an access code is required to purchase programming, this must be entered before the converter will enter the IPPV mode and display "VCR" using **LED elements**.” (11:66-12:5) Durden discloses that a programming guide is available for probing programming information (“information regarding a use of the product”) when the counter has lapsed and before the counter has lapsed. “An improperly keyed access code denies one the ability to purchase programming. Once in the IPPV mode, depression of the "AU" key creates access to the pre-buy mode. Once in the pre-buy mode, the **subscriber simply enters the three or four digit event ID number of the program he wishes to purchase**. The ID numbers may

Claim 27	Disclosure In Durden
	be provided in **a programming guide**, for example." (12:5-12) Durden discloses a preview time and a free time ("information regarding a use of the product") of a pay-per-view event. **"Preview time** is defined as a period or window of time at the beginning of an event during which the event or a preview of a future event may be watched without being purchased. **Free time** is defined as a cumulative length of time during an event that the event may be watched without being purchased." (10:20-25) Durden also discloses an example of setting a preview time (*e.g.*, 8:00-8:30 pm) and a free time (*e.g.*, 8:30-8:34 pm, 9:10-9:15 pm, 9:45-9:50 pm) of a movie (8:00-10:00 pm). It is understood that the information regarding the preview time and free time is displayed on the channel being displayed on the subscriber's television terminal. "For example, suppose the IPPV event consists of **a movie with a starting time of 8:00 p.m. and an ending time of 10:00 p.m**. The system operator may designate a block of time, say from **8:00-8:30**, during which the movie may be viewed without the viewer having to purchase the movie. This would constitute the **preview time**. The system operator may elect to permit additional viewing of the movie for a total of fourteen minutes during the event time. Thus, after the preview time has expired, a total of fourteen minutes of the event may be viewed. An example of how this **free time** may be used is from **8:30-8:34, 9:10-9:15, and 9:45-9:50**. There is no restriction on how the free time is used as long as it does not exceed its predetermined value, in this case, fourteen minutes." (10:29-43). Durden discloses cutting off viewing or scrambling the channel ("displaying a user interface") of an expired pay-per-view event ("information regarding a use of the product"). "If an event is both a pay-per-view event and an impulse pay-per-view event, as frequently happens, and a subscriber buys the event as a pay-per-view event, the microprocessor 22 in the IPPV module would normally **cut off viewing after the allocated free time had expired**." (12:44-48)

Claim 27	Disclosure In Durden
if the counter exceeds a threshold;	Durden discloses displaying the user interface, if the counter exceeds a threshold. Durden discloses a predetermined value ("a threshold"). "There is no restriction on how the free time is used as long as it does not exceed its **predetermined value**, in this case, fourteen minutes." (10:40-43). "The **predetermined value or sum of free time** is set by selecting a value for the free time bit pattern F." (10:44-45). Durden discloses decrementing the counter to zero ("the counter exceeds a threshold"). It is understood that the counting down a counter from a predetermined value teaches that the counter exceeds a threshold. "When **the counter equals zero**, the event must be purchased to enable further viewing." (10:49-51). Durden discloses decrementing a free time value until the free time has lapsed ("if the counter exceeds a threshold"). "The memory cell stores the IPPV event free time which is periodically **stepped or decremented responsive to the counter until free time has lapsed** for the associated IPPV event channel and, the stepping or decrementing occurs only when the IPPV event on that channel is being displayed and only **after preview time has expired**." (10:60-66). The time lapse of a preview time and/or a free time ("if the counter exceeds a threshold") alters the display (part of "user interface") to close out the preview/free view of the pay-per-view event. "**When that length of time has elapsed**, the impulse pay-per-view module will deauthorize all impulse pay-per-view channels and "**close out" all impulse pay-per-view events that are in progress**." (11:21-24)
storing an input received from the user interface on a device; and	Durden discloses storing an input received from the user interface on a device. Durden discloses that an access code ("input") is entered by the subscriber.

Claim 27	Disclosure In Durden
	"They allow the Host 5 to authorize a subscriber for IPPV purchases and define the "**access code" that must be entered by the subscriber** in order to purchase an IPPV event." (7:19-22) Durden discloses that the subscriber enters the access code by depressing the keyboard keys of a hand-held remote control ("user interface"). "With the converter turned on, the subscriber depresses the keyboard keys "PRG" and "-" of his **hand-held remote control**. If **an access code** is required to purchase programming, **this must be entered** before the converter will enter the IPPV mode and display "VCR" using LED elements." (11:68-12:5) Durden also discloses that the event ID number ("input") associated with the purchased pay-per-view program is stored in the memory. "Module 20 allows the subscriber to authorize his STT to receive a pay-per-view event, **store the data associated with the purchase of that event in memory 21**, and transmit that **stored data** to the cable operator via the telephone network 24." (6:57-61) Durden discloses that the IPPV module of the set-top terminal stores data (*e.g.*, access code and event ID number) associated with the purchase of the purchased pay-per-view program. "Once in the pre-buy mode, the subscriber simply **enters the three or four digit event ID number** of the program he wishes to purchase. The ID numbers may be provided in a programming guide, for example. After the last digit of each program ID has been entered, it is **stored in nonvolatile memory 21 of the module**." (12:8-14)
transmitting the input to a server.	Durden discloses transmitting the input to a server. Durden discloses transmitting the stored data (*e.g.*, access code and event ID number) to a cable operator ("server"). "Module 20 allows the subscriber to authorize his STT to receive a pay-per-view event, store the **data associated with the purchase of that event** in memory 21, **and transmit that stored data to the cable operator via the telephone network 24**." (6:57-61)

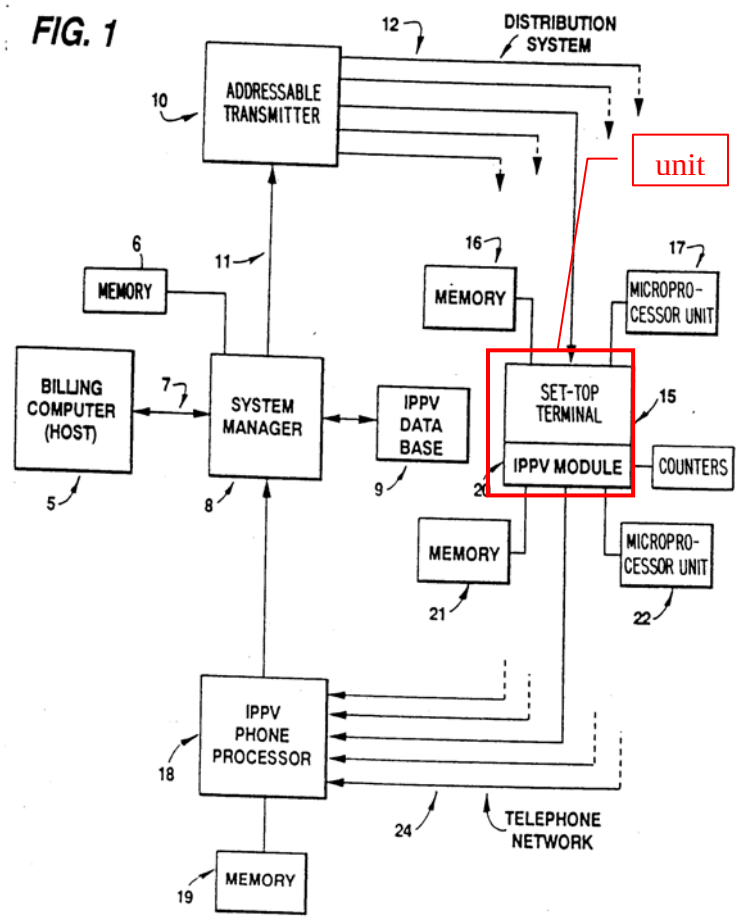
Claim 27	Disclosure In Durden
	Durden discloses transmitting the record of PPV events (*e.g.*, access code and event ID number) purchased by a subscriber to a system manager ("server"). "This data is **transmitted to the system manager** by the IPPV module 20 via the telephone network 24 and contains **a record of which PPV events have been purchased by each subscriber**." (7:36-39)

Claim 28	Disclosure In Durden
The tangible computer readable medium of claim 27, wherein the monitoring further includes:	Durden discloses the method of claim 27 as described above.
monitoring the product for an occurrence in the product of a second trigger event of the predefined plurality of trigger events; and	Durden discloses monitoring the product for an occurrence in the product of a second trigger event of the predefined plurality of trigger events. Durden discloses counting elapsed time ("monitoring … a trigger event") using a counter of the set-top terminal ("product"). "Once the subscriber has tuned to a channel on which a IPPV event is being shown, **a counter counts down** until the free **time has elapsed**." (10:47-49) Durden discloses counting elapsed time on each of the plurality of pay channels ("occurrence in the product of a second trigger event"). "each subscriber module has **a plurality of counters corresponding to the number of pay channels**. A preferred embodiment includes sixteen counters." (10:51-54)
incrementing a value of a second counter corresponding to the second trigger event upon detection of the occurrence of the second trigger event in the product.	Durden discloses incrementing a value of a second counter corresponding to the second trigger event upon detection of the second trigger event in the product. Durden discloses a plurality of counters including "a second counter" that counts elapsed time on the corresponding pay channel ("occurrence of the second trigger event").

	"each subscriber module has **a plurality of counters** corresponding to the number of pay channels. A preferred embodiment includes sixteen counters." (10:51-54)

Claim 29	Disclosure In Durden
The tangible computer readable medium of claim 27 [sic], wherein the method further includes:	Durden discloses the method of claim 27 [sic] as described above.
storing the second counter on the device; and	Durden discloses storing the second counter on the device. Durden discloses a plurality of counters including "a second counter." "each subscriber module has **a plurality of counters** corresponding to the number of pay channels. A preferred embodiment includes sixteen counters." (10:51-54) It is understood from this disclosure that the second counter is stored in memory.
transmitting the value of the second counter to the server.	Durden discloses transmitting a value of the second counter to the server. Durden discloses transmitting the data associated with the purchase. "Module 20 allows the subscriber to authorize his STT to receive a pay–per–view event, **store the data associated with the purchase of that event in memory 21**, and **transmit that stored data** to the cable operator via the telephone network 24." (6:57–61) It is understood from this disclosure that the data associated with the purchase including "a value of the second counter" is transmitted to the billing computer.

Claim 30	Disclosure In Durden
A physical unit, comprising:	Durden discloses a physical unit. Durden discloses a control apparatus ("physical unit"). "This object maybe achieved in **a control apparatus** for an individual subscriber in a cable television system…" (2:11-12)

Claim 30	Disclosure In Durden
	Durden discloses a set-top terminal ("physical unit").  (Fig. 1) "Each subscriber in the addressable cable system is provided with **a set –top terminal (STT) 15** by the cable operator as schematically indicated in FIG. 1. STT 15 allows the subscriber to tune and descramble the services that he has requested from the cable system operator." (6:43–48)
means for monitoring a product for an occurrence in the product of a trigger event of a predefined plurality of trigger events;	Durden discloses means for monitoring a product for an occurrence in the product of a trigger event of a predefined plurality of trigger events. Durden discloses a set-top terminal ("product"). "Each subscriber in the addressable cable system is provided with **a set-top terminal (STT) 15** by the cable operator as schematically indicated in FIG. 1. STT 15 allows the subscriber to tune and descramble the services

Claim 30	Disclosure In Durden
	that he has requested from the cable system operator." (6:43-48) Durden discloses counting elapsed time ("monitoring … a trigger event") using a counter of the set-top terminal ("product"). "Once the subscriber has tuned to a channel on which a IPPV event is being shown, **a counter counts down** until the free **time has elapsed**." (10:47-49) Durden discloses a plurality of counters ("means for monitoring") counting elapsed time on pay channels ("a predefined plurality of trigger events"). "each subscriber module has **a plurality of counters** corresponding to the number of pay channels. A preferred embodiment includes sixteen counters." (10:51-54)
means for incrementing a counter corresponding to the trigger event upon detection of the occurrence of the trigger event;	Durden discloses means for incrementing a counter corresponding to the trigger event upon detection of the occurrence of the trigger event. Durden discloses a security counter (*e.g.*, "counter") that allows a subscriber to view an IPPV programming as the time elapses ("detection of the occurrence of the trigger event"). "**A security counter** controls the length of time that an impulse pay-per-view module will allow the cable TV subscriber to view an impulse pay-per-view channel without receiving an IPPV authorization transaction." (11:17-20) Durden discloses decrementing a free time value in response to the counter (*e.g.*, "counter") that counts the elapsed time ("trigger event"). "The memory cell stores the IPPV event free time which is periodically **stepped or decremented responsive to the counter until free time has lapsed** for the associated IPPV event channel and, the **stepping or decrementing occurs** only when the IPPV event on that channel is being displayed and only **after preview time has expired**." (10:60-66) Durden also discloses decrementing a free time counter (*e.g.*, "counter") when the free time elapses ("trigger event"). It is understood that a

Claim 30	Disclosure In Durden
	disclosure of decrementing a counter teaches incrementing the counter. "The free time counter is then allowed to **count down or decrement** whenever the subscriber is tuned to that particular channel. The counter is **decremented** on the average every sixty seconds." (11:9-12)
means for probing for information regarding a use of the product	Durden discloses means for probing for information regarding a use of the product if the counter exceeds a threshold. Durden discloses that a programming guide ("means for probing information regarding a use of the product") is available when the counter has lapsed and before the counter has lapsed. "An improperly keyed access code denies one the ability to purchase programming. Once in the IPPV mode, depression of the "AU" key creates access to the pre-buy mode. Once in the pre-buy mode, the **subscriber simply enters the three or four digit event ID number of the program he wishes to purchase**. The ID numbers may be provided in **a programming guide**, for example." (12:5-12) Durden discloses a preview time and a free time ("information regarding a use of the product") of a pay-per-view event. "**Preview time** is defined as a period or window of time at the beginning of an event during which the event or a preview of a future event may be watched without being purchased. **Free time** is defined as a cumulative length of time during an event that the event may be watched without being purchased." (10:20-25) Durden also discloses an example of setting a preview time (*e.g.*, 8:00-8:30 pm) and a free time (*e.g.*, 8:30-8:34 pm, 9:10-9:15 pm, 9:45-9:50 pm) of a movie (8:00-10:00 pm). It is understood that the information regarding the preview time and free time is displayed on the channel being displayed on the subscriber's television terminal. "For example, suppose the IPPV event consists of **a movie with a starting time of 8:00 p.m. and an ending time of 10:00 p.m**. The system operator may designate a block of time, say from **8:00-8:30**, during which the movie may be viewed without the viewer having to purchase the movie. This would constitute the **preview time**. The system operator may elect to permit additional

Claim 30	Disclosure In Durden
	viewing of the movie for a total of fourteen minutes during the event time. Thus, after the preview time has expired, a total of fourteen minutes of the event may be viewed. An example of how this **free time** may be used is from **8:30-8:34, 9:10-9:15, and 9:45-9:50**. There is no restriction on how the free time is used as long as it does not exceed its predetermined value, in this case, fourteen minutes." (10:29-43). Durden discloses cutting off viewing or scrambling the channel of an expired pay-per-view event ("probing for information regarding a use of the product"). "If an event is both a pay-per-view event and an impulse pay-per-view event, as frequently happens, and a subscriber buys the event as a pay-per-view event, the microprocessor 22 in the IPPV module would normally **cut off viewing after the allocated free time had expired**." (12:44-48)
if the counter exceeds a threshold;	Durden discloses probing for information regarding a use of the product if the counter exceeds a threshold. Durden discloses a predetermined value ("a threshold"). "There is no restriction on how the free time is used as long as it does not exceed its **predetermined value**, in this case, fourteen minutes." (10:40-43). "The **predetermined value or sum of free time** is set by selecting a value for the free time bit pattern F." (10:44-45). Durden discloses decrementing the counter to zero ("the counter exceeds a threshold"). It is understood that the counting down a counter from a predetermined value teaches that the counter exceeds a threshold. "When **the counter equals zero**, the event must be purchased to enable further viewing." (10:49-51). Durden discloses decrementing a free time value until the free time has lapsed ("if the counter exceeds a threshold"). "The memory cell stores the IPPV event free time which is periodically **stepped or decremented responsive to the counter until free time has lapsed** for the associated

Claim 30	Disclosure In Durden
	IPPV event channel and, the stepping or decrementing occurs only when the IPPV event on that channel is being displayed and only **after preview time has expired**." (10:60-66). The time lapse of a preview time and/or a free time ("if the counter exceeds a threshold") alters the display to close out the preview/free view of the pay-per-view event. "**When that length of time has elapsed**, the impulse pay-per-view module will deauthorize all impulse pay-per-view channels and "**close out" all impulse pay-per-view events that are in progress**." (11:21-24)
means for storing an input received from the means for probing; and	Durden discloses means for storing an input received from the means for probing. Durden discloses that an access code ("input") is entered by the subscriber. "They allow the Host 5 to authorize a subscriber for IPPV purchases and define the "**access code" that must be entered by the subscriber** in order to purchase an IPPV event." (7:19-22) Durden discloses that the subscriber enters the access code by depressing the keyboard keys of a hand-held remote control ("means for probing for information"). "With the converter turned on, the subscriber depresses the keyboard keys "PRG" and "-" of his **hand-held remote control**. If **an access code** is required to purchase programming, **this must be entered** before the converter will enter the IPPV mode and display "VCR" using LED elements." (11:68-12:5) Durden also discloses that the event ID number ("input") associated with the purchased pay-per-view program is stored in the memory. "Module 20 allows the subscriber to authorize his STT to receive a pay-per-view event, **store the data associated with the purchase of that event in memory 21**, and transmit that **stored data** to the cable operator via the telephone network 24." (6:57-61) Durden discloses that the IPPV module of the set-top terminal stores

Claim 30	Disclosure In Durden
	data (*e.g.*, access code and event ID number) associated with the purchase of the purchased pay-per-view program. "Once in the pre-buy mode, the subscriber simply **enters the three or four digit event ID number** of the program he wishes to purchase. The ID numbers may be provided in a programming guide, for example. After the last digit of each program ID has been entered, it is **stored in nonvolatile memory 21 of the module**." (12:8-14)
means for transmitting the input to a server.	Durden discloses means for transmitting the input to a server. Durden discloses transmitting the stored data (*e.g.*, access code and event ID number) to a cable operator ("server"). "Module 20 allows the subscriber to authorize his STT to receive a pay-per-view event, store the **data associated with the purchase of that event** in memory 21, **and transmit that stored data to the cable operator via the telephone network 24**." (6:57-61) Durden discloses transmitting the record of PPV events (*e.g.*, access code and event ID number) purchased by a subscriber to a system manager ("server"). "This data is **transmitted to the system manager** by the IPPV module 20 via the telephone network 24 and **contains a record of which PPV events have been purchased by each subscriber**." (7:36-39)

Claim 31	Disclosure In Durden
The unit of claim 30, further comprising:	Durden discloses the physical unit of claim 30 as described above.
means for monitoring the product for an occurrence in the product of a second trigger event of the predefined plurality of trigger events; and	Durden discloses means for monitoring the product for an occurrence in the product of a second trigger event of the predefined plurality of trigger events. Durden discloses counting elapsed time ("monitoring … a trigger event") using a counter of the set-top terminal ("product"). "Once the subscriber has tuned to a channel on which a IPPV event is being shown, **a counter counts down** until the free **time has elapsed**." (10:47-49)

	Durden discloses counting elapsed time on each of the plurality of pay channels ("occurrence in the product of a second trigger event"). "each subscriber module has **a plurality of counters corresponding to the number of pay channels**. A preferred embodiment includes sixteen counters." (10:51-54)
means for incrementing a value of a second counter corresponding to the second trigger event upon detection of the occurrence of the second trigger event in the product.	Durden discloses means for incrementing a value of a second counter corresponding to the second trigger event upon detection of the second trigger event in the product. Durden discloses a plurality of counters including "a second counter" that counts elapsed time on the corresponding pay channel ("occurrence of the second trigger event"). "each subscriber module has **a plurality of counters** corresponding to the number of pay channels. A preferred embodiment includes sixteen counters." (10:51-54)

Claim 32	Disclosure In Durden
The unit of claim 30 [sic], further comprising:	Durden discloses the unit of claim 30 [sic] as described above.
means for storing the second counter on the device; and	Durden discloses means for storing the second counter on the device. Durden discloses a plurality of counters including "a second counter." "each subscriber module has **a plurality of counters** corresponding to the number of pay channels. A preferred embodiment includes sixteen counters." (10:51-54) It is understood from this disclosure that the second counter is stored in memory.
means for transmitting the value of the second counter to the server.	Durden discloses means for transmitting a value of the second counter to the server. Durden discloses transmitting the data associated with the purchase. "Module 20 allows the subscriber to authorize his STT to receive a pay–per–view event, **store the data associated with the purchase of that event in memory 21**, and **transmit that stored data** to the cable operator via the telephone network 24." (6:57–61)

	It is understood from this disclosure that the data associated with the purchase including “a value of the second counter” is transmitted to the billing computer.