

EXHIBIT CC-D

5,956,505 (“MANDULEY”) 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(E)

Claim 1	Disclosure In Manduley
A unit, comprising:	<p>Manduley discloses a unit.</p> <p>Manduley discloses a data processing device (“unit”).</p> <p>“Device 20 includes CPU 22, which may be a conventional microprocessor. Connected to CPU 22 are a plurality of memory devices 24-1 through 24-N. Memory devices 24 may include, for example, program memory ROMs, detachable PROMM paddles, working RAMs, fixed and/or floppy disk drives, CD ROM drives, etc. It will be appreciated that at least some of the memory devices are read/write memory while others may be read only.” (3:34-41)</p> <div style="text-align: center;"> <p style="text-align: center;">(Fig. 1)</p> </div> <p>Manduley also discloses a personal computer or an embedded system (“unit”).</p> <p>“Among other alternatives, the hardware just described may advantageously be realized in a conventional personal computer, or may be incorporated in an embedded system such as the STAR 110 described above.” (3:45-48)</p>

Claim 1	Disclosure In Manduley
a memory;	<p>Manduley discloses a memory.</p> <p>Manduley discloses a plurality of memory devices (“memory”) and program memory ROMs (“memory”).</p> <p>“Device 20 includes CPU 22, which may be a conventional microprocessor. Connected to CPU 22 are a plurality of memory devices 24-1 through 24-N. Memory devices 24 may include, for example, program memory ROMs, detachable PROMM paddles, working RAMs, fixed and/or floppy disk drives, CD ROM drives, etc. It will be appreciated that at least some of the memory devices are read/write memory while others may be read only.” (3:34-41)</p>
a transmitter; and	<p>Manduley discloses a transmitter.</p> <p>Manduley discloses a data communication interface (“transmitter”).</p> <p>“Also connected to CPU 22 is a data communication interface 32, which may be a conventional modem, and which is capable of establishing a data communication path (represented by arrow 34) between device 20 and another data processing system (not shown).” (3:52-56)</p>
a processor, coupled to the memory and to the transmitter, configured to:	<p>Manduley discloses a processor, coupled to the memory and to the transmitter.</p> <p>Manduley discloses a CPU (“processor”) connected to the memory devices (“memory”) and data communication interface (“transmitter”).</p> <p>“Device 20 includes CPU 22, which may be a conventional microprocessor. Connected to CPU 22 are a plurality of memory devices 24-1 through 24-N. Memory devices 24 may include, for example, program memory ROMs, detachable PROMM paddles, working RAMs, fixed and/or floppy disk drives, CD ROM drives, etc. It will be appreciated that at least some of the memory devices are read/write memory while others may be read only.” (3:34-41)</p> <p>“Also connected to CPU 22 is a data communication interface 32, which may be a conventional modem, and which is capable of establishing a data communication path (represented by arrow 34) between device 20 and</p>

Claim 1	Disclosure In Manduley
	another data processing system (not shown).” (3:52-56)
<p>monitor a product for an occurrence in the product of a trigger event of a predefined plurality of trigger events,</p>	<p>Manduley 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.</p> <p>Manduley discloses that the data processing device (“product”) runs application programs.</p> <p>“Accessed via application manager 42 are one or more application programs, such as an accounting program (block 44), an addressing program (block 46), and a manifesting program (block 48).” (3:66-4:2)</p> <p>Manduley discloses monitoring the number of times of the length of time the feature is used (“monitoring a product an occurrence in the product of a trigger event”).</p> <p>“If the user selects temporary activation, there may be menu items that indicate such options as the number of times the feature will be made available for use, or a length of time during which the feature will be available.” (6:17-21).</p> <p>Manduley discloses measuring usage (“occurrence in the product of a trigger event”) of an application program that runs on the device (“product”).</p> <p>“Second, temporary activation has, for the most part, been described on the assumption that the amount of permitted usage of the feature is based on a quantity of usage. For example, the usage could be measured in terms of number of transactions processed, or in dollar-amount of shipping charges calculated, number of sessions, total duration of sessions, number of users, total distances of goods shipped, total weight of goods shipped, number of reports printed or any other measurable quantity related to the operation of device 20.” (8:63-9:5)</p> <p>Manduley discloses measuring the time period and expiration of the activated feature of the application program (“occurrence in the product of a trigger event”) running in the device (“product”).</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed</p>

Claim 1	Disclosure In Manduley
	<p>deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p>
<p>increment a counter corresponding to the trigger event upon detection of the occurrence of the trigger event,</p>	<p>Manduley discloses that the processor is configured to increment a counter corresponding to the trigger event upon detection of the occurrence of the trigger event.</p> <p>Manduley discloses incrementing a usage counter (“counter”) that increments corresponding to the usage of the activated feature (“trigger event”).</p> <p>“Returning now to step 110, if activation of the requested feature was found to be temporary, program activation module 58 updates a usage counter with respect to the requested feature to account for the requested use of the feature (step 114).” (5:45-49)</p> <p>Manduley also discloses a clock/calendar mechanism (“counter”) that indicates date and time that correspond to the usage of the activated feature (“trigger event”).</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p>
<p>cause the display of a user interface, configured to probe for information regarding a use of the product,</p>	<p>Manduley 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.</p> <p>Manduley discloses a display and a keyboard (“user interface”).</p> <p>“Also connected to CPU 22 is a display 26 and a keyboard 28.” (3:42-43)</p> <p>Manduley discloses displaying menu items (“the display of a user interface”) that indicate the number of usage or time (“information regarding a use”) of the features (“product”).</p> <p>“With respect to at least some of the features available</p>

Claim 1	Disclosure In Manduley
	<p>for activation, there may be menu items that indicate that either temporary or permanent activation is available. If the user selects temporary activation, there may be menu items that indicate such options as the number of times the feature will be made available for use, or a length of time during which the feature will be available." (6:15-21).</p> <p>Manduley discloses displaying a warning to the user that indicates the number of remaining authorized uses and/or approaching deadline ("information regarding a use of the product").</p> <p>"The warning may then go on to advise the user how permanent or further temporary activation may be requested. Of course, in the case of a limited duration temporary activation, the warning would refer to the approaching deadline rather than the number of remaining authorized uses." (9:20-25).</p> <p>Manduley discloses indicating the number of allowed usages of the activated feature ("information regarding a use of the product").</p> <p>"The [feature selected] has been temporarily activated. Please note that only X more uses of this feature are authorized under the temporary activation." (9:17-19)</p>
<p>if the counter exceeds a threshold,</p>	<p>Manduley discloses that the processor is configured to cause the display of a user interface, if the counter exceeds a threshold.</p> <p>Manduley discloses displaying a warning to the user ("a user interface") if the permitted duration of quantity of usage will soon expire or exhausted ("the counter exceeds a threshold").</p> <p>"Third, it may be desirable to warn the user if the permitted duration or quantity of usage will soon expire or be exhausted. Accordingly, step 116 of FIG. 3-B may include a test as to whether such a warning is appropriate. If so, a warning such as the following is to be displayed on display 26:" (9:11-16)</p> <p>Manduley discloses comparing the usage counter with the amount of usage allowed ("threshold").</p> <p>"Program activation module then compares the updated usage counter with the amount of usage allowed, as</p>

Claim 1	Disclosure In Manduley
	stored in the activation map (step 116)". (5:49-51)
cause the memory to store an input received from the user interface, and	<p>Manduley discloses that the processor is configured to cause the memory to store an input received from the user interface.</p> <p>Manduley discloses storing an user input to the device ("device").</p> <p>"Block 40 represents user interface software that allows the user to input data into, and control, device 20 and to receive information from device 20." (3:59-61)</p>
cause the transmitter to transmit the input to a server.	<p>Manduley discloses that the processor is configured to cause the transmitter to transmit the input to a server.</p> <p>Manduley discloses transmitting the user input data to a data center ("server").</p> <p>"Following step 150 is step 152, at which the integrated request code is transmitted from device 20 to the data center." (7:24-26).</p>

Claim 2	Disclosure In Manduley
The unit of claim 1,	Manduley discloses the unit of claim 1 as described above.
wherein the input reflects a request to schedule maintenance.	<p>Manduley discloses that the input reflects a request to schedule maintenance.</p> <p>Manduley discloses receiving request codes ("request") from users.</p> <p>"FIGS. 4-A and 4-B illustrate a software routine for controlling a data center to receive request codes from users or devices 20 and to transmit activation codes to users or devices 20. Such a data center may be maintained, for example, by a company that manufactures or markets devices 20." (7:39-44)</p> <p>Manduley discloses updating maintenance agreement ("request to schedule maintenance").</p> <p>"Step 220, where appropriate, also includes updating of any applicable maintenance agreement or product leasing arrangement." (8:21-23)</p> <p>It is understood from these teachings of Manduley that the user's request can contain a request to schedule maintenance.</p>

Claim 2	Disclosure In Manduley

Claim 3	Disclosure In Manduley
The unit of claim 1,	Manduley discloses the unit of claim 1 as described above.
wherein the input reflects a submission of a purchase order.	<p>Manduley discloses that input reflects a submission of a purchase order.</p> <p>Manduley discloses ordering a hardware (“a purchase order”).</p> <p>“If at step 130 it was determined that hardware not part of or connected to device 20 is required for the requested feature or application, program activation module 58 then generates a code that represents an order for the necessary hardware (step 132).” (6:35-39)</p>

Claim 4	Disclosure In Manduley
The unit of claim 1,	Manduley discloses the unit of claim 1 as described above.
wherein the input reflects a request for interactive assistance.	<p>Manduley discloses that the input reflects a request for interactive assistance.</p> <p>Manduley discloses that the user’s request (“request”) causes displaying to the user instructions and list of features and/or application requested for activation (“interactive assistance”).</p> <p>“step 140 follows, at which device 20 displays to the user instructions for calling a data center. After step 140 is step 142 at which system 20 displays a list of the features and/or applications requested for activation by the user. That list also preferably includes all the hardware which is being ordered because it is required for operation of the requested features or applications.” (6:53-60)</p>

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

<p>of the predefined plurality of trigger events, and</p>	<p>Manduley discloses a clock/calendar mechanism that indicates date and time (“second trigger event”) corresponding to the usage of the activated feature.</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p> <p>Manduley also discloses that the usage of a feature could be measured in terms of any measurable quantity related to the operation of the device (“product”) in addition to the amount of permitted usage (“trigger event” of claim 1).</p> <p>“...temporary activation has, for the most part, been described on the assumption that the amount of permitted usage of the feature is based on a quantity of usage. For example, the usage could be measured in terms of number of transactions processed, or dollar-amount of shipping charges calculated, number of sessions, total duration of sessions, number of users, total distances of goods shipped, total weight of goods shipped, number of reports printed or any other measurable quantity related to the operation of device 20.” (8:63-9:5)</p>
<p>increment a second counter corresponding to the second trigger event upon detection of the occurrence of the second trigger event in the product.</p>	<p>Manduley discloses incrementing a second counter corresponding to the second trigger event upon detection of the occurrence of the second trigger event in the product.</p> <p>Manduley discloses that the clock/calendar mechanism (“second counter”) measures elapsed date and time that correspond to the usage of the activated feature (“occurrence of the second trigger event”).</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p> <p>Manduley also discloses measuring quantities related to the operation (“occurrence of the second trigger event”). It is understood that these</p>

	<p>quantities can be measured using a “second counter.”</p> <p>“...temporary activation has, for the most part, been described on the assumption that the amount of permitted usage of the feature is based on a quantity of usage. For example, the usage could be measured in terms of number of transactions processed, or dollar-amount of shipping charges calculated, number of sessions, total duration of sessions, number of users, total distances of goods shipped, total weight of goods shipped, number of reports printed or any other measurable quantity related to the operation of device 20.” (8:63-9:5)</p>
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Claim 6	Disclosure in Manduley
<p>The unit of claim 5, wherein the processor is further configured to:</p>	<p>Manduley discloses the unit of claim 5 as described above.</p>
<p>cause the memory to store the second counter; and</p>	<p>Manduley discloses that the processor is configured to cause the memory to store the second counter.</p> <p>Manduley discloses the clock/calendar mechanism (“second counter”) indicating the current data and time determines the end of the temporary activation. It is understood that the current data and time is stored in the memory.</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p> <p>Manduley also discloses that the measurable quantities (“second counter”) are used to determine the end of the temporary activation. It is understood that these measurable quantities are stored in the memory.</p> <p>“...temporary activation has, for the most part, been described on the assumption that the amount of permitted usage of the feature is based on a quantity of usage. For example, the usage could be measured in terms of number of transactions processed, or dollar-amount of shipping charges calculated, number of sessions,</p>

	<p>total duration of sessions, number of users, total distances of goods shipped, total weight of goods shipped, number of reports printed or any other measurable quantity related to the operation of device 20.” (8:63-9:5)</p> <p>Manduley also discloses storing in an activation map usage counters including a “second counter” that measures the measurable quantities.</p> <p>“Program activation module then compares the updated usage counter with the amount of usage allowed, as stored in the activation map (step 116)”. (5:49-51)</p>
<p>cause the transmitter to transmit a value of the second counter.</p>	<p>Manduley discloses that the processor is configured to cause the transmitter to transmit a value of the second counter.</p> <p>Manduley discloses an activation map.</p> <p>“Program activation module then compares the updated usage counter with the amount of usage allowed, as stored in the activation map (step 116)”. (5:49-51)</p> <p>Manduley discloses that the activation map including the updated usage counter of the measurable quantities (“a value of the second counter”) is automatically updated.</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p> <p>Manduley discloses transmitting the request code to a data center (“server”). It is understood that the request code can contain the measurable quantities (“a value of the second counter”).</p> <p>“Following step 150 is step 152, at which the integrated request code is transmitted from device 20 to the data center.” (7:24-26).</p>

Claim 8	Disclosure In Manduley
The unit of claim 1,	Manduley discloses the unit of claim 1 as described above.
wherein one of the	Manduley discloses that one of the predefined plurality of trigger events

Claim 8	Disclosure In Manduley
predefined plurality of trigger events is a problem associated with the product.	<p>is a problem associated with the product.</p> <p>Manduley discloses finding an error in decrypting the request code (“problem associated with the product”).</p> <p>“Following step 210 is step 212, at which it is determined whether an error is found by reference to the customer's file or in decrypting the request code. If so, step 214 follows, at which the data center issues an error message (either by direct communication to device 20 or to the user via the voice answer back unit, as the case may be) and the routine ends.” (8:6-12)</p>

Claim 9	Disclosure In Manduley
The method [sic] of claim 8,	Manduley discloses the method [sic] of claim 8 as described above.
wherein the problem is an equipment problem.	<p>Manduley discloses that the problem is an equipment problem.</p> <p>Manduley discloses determining a hardware (<i>e.g.</i>, printer, peripheral”) is required (“equipment problem”) for a requested application or feature.</p> <p>“Module 58 then proceeds to step 130, at which it is determined whether all hardware required for the requested application or feature is connected to or included in device 20. For example, if the requested feature was the envelope printing feature of addressing program 46, program activation module 58 refers to the configuration record to determined whether an envelope printer is one of peripherals 30.” (6:28-34)</p>

Claim 10	Disclosure In Manduley
The unit of claim 1,	Manduley 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.	<p>Manduley discloses that a trigger event of the predefined plurality of trigger events is a use of at least one product feature.</p> <p>Manduley discloses that the usage counter’s incrementing (“trigger event”) is use of the application or feature (“product feature”).</p> <p>“Returning now to step 110, if activation of the requested feature was found to be temporary, program activation module 58 updates a usage counter with respect to the requested feature to account for the requested use of the</p>

Claim 10	Disclosure In Manduley
	feature (step 114).” (5:45-49)

Claim 11	Disclosure In Manduley
The method [sic] of claim 10,	Manduley discloses the method [sic] of claim 10 as described above.
wherein the at least one product feature is “undo.”	<p>Manduley discloses that the at least one product feature is “undo.”</p> <p>Manduley discloses deactivating the requested application or feature.</p> <p>“Otherwise, the routine proceeds to step 120, at which the activation map is altered to indicate that the requested feature is no longer activated.” (5:55-57)</p> <p>“deactivate feature on map” (Fig. 3-B, step 120)</p>

Claim 13	Disclosure In Manduley
The unit of claim 1,	Manduley discloses the unit of claim 1 as described above.
wherein the product is a cellular telephone.	<p>Manduley discloses that the product is a cellular telephone.</p> <p>Manduley discloses a cellular telephone.</p> <p>“Communication via conventional telephone, or alternatively cellular telephone or other wireless communication is contemplated.” (7:22-24)</p>

Claim 14	Disclosure In Manduley
The unit of claim 1,	Manduley 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.	<p>Manduley 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.</p> <p>Manduley discloses a clock/calendar mechanism. It is understood that the time counter has a minute counter and a second counter; the minute counter increments at the 60th occurrence (“second occurrence of the trigger event”) of the second counter.</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is</p>

Claim 14	Disclosure In Manduley
	<p>automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p>

Claim 15	Disclosure In Manduley
<p>A method, comprising:</p>	<p>Manduley a method.</p> <p>“The method also includes receiving a request to operate one of the optional features...” (Abstract: 12-13)</p>
<p>monitoring a product for an occurrence in the product of a trigger event of a predefined plurality of trigger events;</p>	<p>Manduley discloses monitoring a product for an occurrence in the product of a trigger event of a predefined plurality of trigger events.</p> <p>Manduley discloses a data processing device (“product”).</p> <p>“Device 20 includes CPU 22, which may be a conventional microprocessor. Connected to CPU 22 are a plurality of memory devices 24-1 through 24-N. Memory devices 24 may include, for example, program memory ROMs, detachable PROMM paddles, working RAMs, fixed and/or floppy disk drives, CD ROM drives, etc. It will be appreciated that at least some of the memory devices are read/write memory while others may be read only.” (3:34-41)</p> <p>Manduley discloses that the data processing device (“product”) runs application programs.</p> <p>“Accessed via application manager 42 are one or more application programs, such as an accounting program (block 44), an addressing program (block 46), and a manifesting program (block 48).” (3:66-4:2)</p> <p>Manduley discloses monitoring usage (“trigger event”) of the application programs.</p> <p>“If the user selects temporary activation, there may be menu items that indicate such options as the number of times the feature will be made available for use, or a length of time during which the feature will be available.” (6:17-21).</p> <p>Manduley discloses measuring usage (“occurrence in the product of a trigger event”) of an application program that runs on the device (“product”).</p>

Claim 15	Disclosure In Manduley
	<p>“Second, temporary activation has, for the most part, been described on the assumption that the amount of permitted usage of the feature is based on a quantity of usage. For example, the usage could be measured in terms of number of transactions processed, or in dollar-amount of shipping charges calculated, number of sessions, total duration of sessions, number of users, total distances of goods shipped, total weight of goods shipped, number of reports printed or any other measurable quantity related to the operation of device 20.” (8:63-9:5)</p> <p>Manduley discloses measuring the time period and expiration of the activated feature of the application program running in the device (“product”).</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p>
<p>incrementing a counter corresponding to the trigger event upon detection of the occurrence of the trigger event in the product;</p>	<p>Manduley discloses incrementing a counter corresponding to the trigger event upon detection of the occurrence of the trigger event in the product.</p> <p>Manduley discloses incrementing a usage counter (“counter”) that increments corresponding to the usage of the activated feature (“trigger event”).</p> <p>“Returning now to step 110, if activation of the requested feature was found to be temporary, program activation module 58 updates a usage counter with respect to the requested feature to account for the requested use of the feature (step 114).” (5:45-49)</p> <p>Manduley also discloses a clock/calendar mechanism (“counter”) that indicates date and time that correspond to the usage of the activated feature (“trigger event”).</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current</p>

Claim 15	Disclosure In Manduley
	<p>date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p>
<p>displaying a user interface, configured to probe for information regarding a use of the product,</p>	<p>Manduley discloses displaying a user interface, configured to probe for information regarding a use of the product.</p> <p>Manduley discloses a display and a keyboard (“user interface”).</p> <p>“Also connected to CPU 22 is a display 26 and a keyboard 28.” (3:42-43)</p> <p>Manduley discloses displaying menu items (“displaying a user interface”) that indicate the number of usage or time (“information regarding a use”) of the features (“product”).</p> <p>“With respect to at least some of the features available for activation, there may be menu items that indicate that either temporary or permanent activation is available. If the user selects temporary activation, there may be menu items that indicate such options as the number of times the feature will be made available for use, or a length of time during which the feature will be available.” (6:15-21).</p> <p>Manduley discloses displaying a warning to the user that indicates the number of remaining authorized uses and/or approaching deadline (“information regarding a use of the product”).</p> <p>“The warning may then go on to advise the user how permanent or further temporary activation may be requested. Of course, in the case of a limited duration temporary activation, the warning would refer to the approaching deadline rather than the number of remaining authorized uses.” (9:20-25).</p> <p>Manduley discloses indicating the number of allowed usages of the activated feature (“information regarding a use of the product”).</p> <p>“The [feature selected] has been temporarily activated. Please note that only X more uses of this feature are authorized under the temporary activation.” (9:17-19)</p>
<p>if the counter exceeds a threshold;</p>	<p>Manduley discloses displaying the user interface, if the counter exceeds a threshold.</p>

Claim 15	Disclosure In Manduley
	<p>Manduley discloses displaying a warning to the user (“displaying a user interface”) if the permitted duration of quantity of usage will soon expire or exhausted (“the counter exceeds a threshold”).</p> <p>“Third, it may be desirable to warn the user if the permitted duration or quantity of usage will soon expire or be exhausted. Accordingly, step 116 of FIG. 3-B may include a test as to whether such a warning is appropriate. If so, a warning such as the following is to be displayed on display 26.” (9:11-16)</p> <p>Manduley discloses comparing the usage counter with the amount of usage allowed (“threshold”).</p> <p>“Program activation module then compares the updated usage counter with the amount of usage allowed, as stored in the activation map (step 116)”. (5:49-51)</p>
storing an input received from the user interface on a device; and	<p>Manduley discloses storing an input received from the user interface on a device.</p> <p>Manduley discloses storing an user input to the device (“device”).</p> <p>“Block 40 represents user interface software that allows the user to input data into, and control, device 20 and to receive information from device 20.” (3:59-61)</p>
transmitting the input to a server.	<p>Manduley discloses transmitting the input to a server.</p> <p>Manduley discloses transmitting the user input data to a data center (“server”).</p> <p>“Following step 150 is step 152, at which the integrated request code is transmitted from device 20 to the data center.” (7:24-26).</p>

Claim 17	Disclosure In Manduley
The method of claim 15, further comprising:	Manduley 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	<p>Manduley discloses monitoring the product for an occurrence in the product of a second trigger event of the predefined plurality of trigger events.</p> <p>Manduley discloses a clock/calendar mechanism that indicates date and</p>

<p>predefined plurality of trigger events;</p>	<p>time (“second trigger event”) corresponding to the usage of the activated feature.</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p> <p>Manduley also discloses that the usage of a feature could be measured in terms of any measurable quantity related to the operation of the device (“product”) in addition to the amount of permitted usage (“trigger event” of claim 1).</p> <p>“...temporary activation has, for the most part, been described on the assumption that the amount of permitted usage of the feature is based on a quantity of usage. For example, the usage could be measured in terms of number of transactions processed, or dollar-amount of shipping charges calculated, number of sessions, total duration of sessions, number of users, total distances of goods shipped, total weight of goods shipped, number of reports printed or any other measurable quantity related to the operation of device 20.” (8:63-9:5)</p>
<p>incrementing a value of a second counter corresponding to the second trigger event upon detection of the second trigger event in the product.</p>	<p>Manduley discloses incrementing a value of a second counter corresponding to the second trigger event upon detection of the second trigger event in the product.</p> <p>Manduley discloses that the clock/calendar mechanism (“second counter”) measures elapsed date and time that correspond to the usage of the activated feature (“occurrence of the second trigger event”).</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p> <p>Manduley also discloses measuring quantities related to the operation (“occurrence of the second trigger event”). It is understood that these quantities can be measured using a “second counter.”</p>

	<p>“...temporary activation has, for the most part, been described on the assumption that the amount of permitted usage of the feature is based on a quantity of usage. For example, the usage could be measured in terms of number of transactions processed, or dollar-amount of shipping charges calculated, number of sessions, total duration of sessions, number of users, total distances of goods shipped, total weight of goods shipped, number of reports printed or any other measurable quantity related to the operation of device 20.” (8:63-9:5)</p>
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Claim 18	Disclosure In Manduley
The method of claim 17, further comprising:	Manduley discloses the method of claim 17 as described above.
storing the second counter on the device; and	<p>Manduley discloses storing the second counter on the device.</p> <p>Manduley discloses the clock/calendar mechanism (“second counter”) indicating the current data and time determines the end of the temporary activation. It is understood that the current data and time is stored in the memory.</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p> <p>Manduley also discloses that the measurable quantities (“second counter”) are used to determine the end of the temporary activation. It is understood that these measurable quantities are stored in the memory.</p> <p>“...temporary activation has, for the most part, been described on the assumption that the amount of permitted usage of the feature is based on a quantity of usage. For example, the usage could be measured in terms of number of transactions processed, or dollar-amount of shipping charges calculated, number of sessions, total duration of sessions, number of users, total distances of goods shipped, total weight of goods shipped, number of reports printed or any other measurable quantity related to the operation of device</p>

	<p>20.” (8:63-9:5)</p> <p>Manduley also discloses storing in an activation map usage counters including a “second counter” that measures the measurable quantities.</p> <p>“Program activation module then compares the updated usage counter with the amount of usage allowed, as stored in the activation map (step 116)”. (5:49-51)</p>
<p>transmitting a value of the second counter to the server.</p>	<p>Manduley discloses signaling to the host computer that a batch has been completed (“value of the second counter”).</p> <p>Manduley discloses an activation map.</p> <p>“Program activation module then compares the updated usage counter with the amount of usage allowed, as stored in the activation map (step 116)”. (5:49-51)</p> <p>Manduley discloses that the activation map including the updated usage counter of the measurable quantities (“a value of the second counter”) is automatically updated.</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p> <p>Manduley discloses transmitting the request code to a data center (“server”). It is understood that the request code can contain the measurable quantities (“a value of the second counter”).</p> <p>“Following step 150 is step 152, at which the integrated request code is transmitted from device 20 to the data center.” (7:24-26).</p>

Claim 19	Disclosure In Manduley
<p>The method of claim 15,</p>	<p>Manduley discloses the method of claim 15 as described above.</p>
<p>wherein one of the predefined plurality of trigger events is a problem associated with the product.</p>	<p>Manduley discloses that one of the predefined plurality of trigger events is a problem associated with the product.</p> <p>Manduley discloses finding an error in decrypting the request code</p>

Claim 19	Disclosure In Manduley
	<p>(“problem associated with the product”).</p> <p>“Following step 210 is step 212, at which it is determined whether an error is found by reference to the customer's file or in decrypting the request code. If so, step 214 follows, at which the data center issues an error message (either by direct communication to device 20 or to the user via the voice answer back unit, as the case may be) and the routine ends.” (8:6-12)</p>

Claim 21	Disclosure In Manduley
The method of claim 19,	Manduley discloses the method of claim 19 as described above.
wherein the problem is an equipment problem.	<p>Manduley discloses that the problem is an equipment problem.</p> <p>Manduley discloses determining a hardware (<i>e.g.</i>, printer, peripheral”) is required (“equipment problem”) for a requested application or feature.</p> <p>“Module 58 then proceeds to step 130, at which it is determined whether all hardware required for the requested application or feature is connected to or included in device 20. For example, if the requested feature was the envelope printing feature of addressing program 46, program activation module 58 refers to the configuration record to determined whether an envelope printer is one of peripherals 30.” (6:28-34)</p>

Claim 22	Disclosure In Manduley
The method of claim 15,	Manduley 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.	<p>Manduley discloses that one of the predefined plurality of trigger events is a use of at least one product feature.</p> <p>Manduley discloses that the usage counter’s incrementing (“trigger event”) is use of the application or feature (“product feature”).</p> <p>“Returning now to step 110, if activation of the requested feature was found to be temporary, program activation module 58 updates a usage counter with respect to the requested feature to account for the requested use of the feature (step 114).” (5:45-49)</p>

Claim 25	Disclosure In Manduley
The method of claim 15,	Manduley discloses the method of claim 15 as described above.
wherein the product is a cellular telephone.	<p>Manduley discloses that the product is a cellular telephone.</p> <p>Manduley discloses a cellular telephone.</p> <p>“Communication via conventional telephone, or alternatively cellular telephone or other wireless communication is contemplated.” (7:22-24)</p>

Claim 26	Disclosure In Manduley
The method of claim 15,	Manduley discloses the method of claim 15 as described above.
further comprising: incrementing the counter corresponding to the trigger event upon detection of a second occurrence of the trigger event in the product.	<p>Manduley discloses incrementing the counter corresponding to the trigger event upon detection of a second occurrence of the trigger event in the product.</p> <p>Manduley discloses a clock/calendar mechanism. It is understood that the time counter has a minute counter and a second counter; the minute counter increments at the 60th occurrence (“second occurrence of the trigger event”) of the second counter.</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p>

Claim 27	Disclosure In Manduley
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:	<p>Manduley 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.</p> <p>Manduley discloses a device (“computing device”) that includes memory devices for a program memory ROM (“tangible computer readable medium”) that stores application programs (“computer executable instructions”).</p> <p>“Device 20 includes CPU 22, which may be a conventional microprocessor. Connected to CPU 22 are a plurality of memory devices 24-1 through 24-N. Memory devices 24 may include, for example, program</p>

Claim 27	Disclosure In Manduley
	<p>memory ROMs, detachable PROMM paddles, working RAMs, fixed and/or floppy disk drives, CD ROM drives, etc. It will be appreciated that at least some of the memory devices are read/write memory while others may be read only.” (3:34-41)</p> <p>Manduley discloses a personal computer or an embedded system (“a computing device”).</p> <p>“Among other alternatives, the hardware just described may advantageously be realized in a conventional personal computer, or may be incorporated in an embedded system such as the STAR 110 described above.” (3:45-48)</p>
<p>monitoring a product for an occurrence in the product of a trigger event of a predefined plurality of trigger events,</p>	<p>Manduley discloses monitoring a product for an occurrence in the product of a trigger event of a predefined plurality of trigger events.</p> <p>Manduley discloses a data processing device (“product”).</p> <p>“Device 20 includes CPU 22, which may be a conventional microprocessor. Connected to CPU 22 are a plurality of memory devices 24-1 through 24-N. Memory devices 24 may include, for example, program memory ROMs, detachable PROMM paddles, working RAMs, fixed and/or floppy disk drives, CD ROM drives, etc. It will be appreciated that at least some of the memory devices are read/write memory while others may be read only.” (3:34-41)</p> <p>Manduley discloses that the data processing device (“product”) runs application programs.</p> <p>“Accessed via application manager 42 are one or more application programs, such as an accounting program (block 44), an addressing program (block 46), and a manifesting program (block 48).” (3:66-4:2)</p> <p>Manduley discloses monitoring usage (“trigger event”) of the application programs.</p> <p>“If the user selects temporary activation, there may be menu items that indicate such options as the number of times the feature will be made available for use, or a length of time during which the feature will be</p>

Claim 27	Disclosure In Manduley
	<p>available.” (6:17-21).</p> <p>Manduley discloses measuring usage (“occurrence in the product of a trigger event”) of an application program that runs on the device (“product”).</p> <p>“Second, temporary activation has, for the most part, been described on the assumption that the amount of permitted usage of the feature is based on a quantity of usage. For example, the usage could be measured in terms of number of transactions processed, or in dollar-amount of shipping charges calculated, number of sessions, total duration of sessions, number of users, total distances of goods shipped, total weight of goods shipped, number of reports printed or any other measurable quantity related to the operation of device 20.” (8:63-9:5)</p> <p>Manduley discloses measuring the time period and expiration of the activated feature of the application program running in the device (“product”).</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p>
<p>incrementing a counter corresponding to the trigger event upon detection of the occurrence of the trigger event in the product;</p>	<p>Manduley discloses incrementing a counter corresponding to the trigger event upon detection of the occurrence of the trigger event in the product.</p> <p>Manduley discloses incrementing a usage counter (“counter”) that increments corresponding to the usage of the activated feature (“trigger event”).</p> <p>“Returning now to step 110, if activation of the requested feature was found to be temporary, program activation module 58 updates a usage counter with respect to the requested feature to account for the requested use of the feature (step 114).” (5:45-49)</p> <p>Manduley also discloses a clock/calendar mechanism (“counter”) that indicates date and time that correspond to the usage of the activated</p>

Claim 27	Disclosure In Manduley
	<p>feature (“trigger event”).</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p>
<p>displaying a user interface, configured to probe for information regarding a use of the product,</p>	<p>Manduley discloses displaying a user interface, configured to probe for information regarding a use of the product.</p> <p>Manduley discloses a display and a keyboard (“user interface”).</p> <p>“Also connected to CPU 22 is a display 26 and a keyboard 28.” (3:42-43)</p> <p>Manduley discloses displaying menu items (“displaying a user interface”) that indicate the number of usage or time (“information regarding a use”) of the features (“product”).</p> <p>“With respect to at least some of the features available for activation, there may be menu items that indicate that either temporary or permanent activation is available. If the user selects temporary activation, there may be menu items that indicate such options as the number of times the feature will be made available for use, or a length of time during which the feature will be available.” (6:15-21).</p> <p>Manduley discloses displaying a warning to the user that indicates the number of remaining authorized uses and/or approaching deadline (“information regarding a use of the product”).</p> <p>“The warning may then go on to advise the user how permanent or further temporary activation may be requested. Of course, in the case of a limited duration temporary activation, the warning would refer to the approaching deadline rather than the number of remaining authorized uses.” (9:20-25).</p> <p>Manduley discloses indicating the number of allowed usages of the activated feature (“information regarding a use of the product”).</p> <p>“The [feature selected] has been temporarily activated.</p>

Claim 27	Disclosure In Manduley
	<p>Please note that only X more uses of this feature are authorized under the temporary activation.” (9:17-19)</p>
<p>if the counter exceeds a threshold;</p>	<p>Manduley discloses displaying the user interface, if the counter exceeds a threshold.</p> <p>Manduley discloses displaying a warning to the user (“displaying a user interface”) if the permitted duration of quantity of usage will soon expire or exhausted (“the counter exceeds a threshold”).</p> <p>“Third, it may be desirable to warn the user if the permitted duration or quantity of usage will soon expire or be exhausted. Accordingly, step 116 of FIG. 3-B may include a test as to whether such a warning is appropriate. If so, a warning such as the following is to be displayed on display 26.” (9:11-16)</p> <p>Manduley discloses comparing the usage counter with the amount of usage allowed (“threshold”).</p> <p>“Program activation module then compares the updated usage counter with the amount of usage allowed, as stored in the activation map (step 116)”. (5:49-51)</p>
<p>storing an input received from the user interface on a device; and</p>	<p>Manduley discloses storing an input received from the user interface on a device.</p> <p>Manduley discloses storing an user input to the device (“device”).</p> <p>“Block 40 represents user interface software that allows the user to input data into, and control, device 20 and to receive information from device 20.” (3:59-61)</p>
<p>transmitting the input to a server.</p>	<p>Manduley discloses transmitting the input to a server.</p> <p>Manduley discloses transmitting the user input data to a data center (“server”).</p> <p>“Following step 150 is step 152, at which the integrated request code is transmitted from device 20 to the data center.” (7:24-26).</p>
Claim 28	Disclosure In Manduley
<p>The tangible computer readable</p>	<p>Manduley discloses the method of claim 27 as described above.</p>

<p>medium of claim 27, wherein the monitoring further includes:</p>	
<p>monitoring the product for an occurrence in the product of a second trigger event of the predefined plurality of trigger events; and</p>	<p>Manduley discloses monitoring the product for an occurrence in the product of a second trigger event of the predefined plurality of trigger events.</p> <p>Manduley discloses a clock/calendar mechanism that indicates date and time (“second trigger event”) corresponding to the usage of the activated feature.</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p> <p>Manduley also discloses that the usage of a feature could be measured in terms of any measurable quantity related to the operation of the device (“product”) in addition to the amount of permitted usage (“trigger event” of claim 1).</p> <p>“...temporary activation has, for the most part, been described on the assumption that the amount of permitted usage of the feature is based on a quantity of usage. For example, the usage could be measured in terms of number of transactions processed, or dollar-amount of shipping charges calculated, number of sessions, total duration of sessions, number of users, total distances of goods shipped, total weight of goods shipped, number of reports printed or any other measurable quantity related to the operation of device 20.” (8:63-9:5)</p>
<p>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.</p>	<p>Manduley discloses incrementing a value of a second counter corresponding to the second trigger event upon detection of the second trigger event in the product.</p> <p>Manduley discloses that the clock/calendar mechanism (“second counter”) measures elapsed date and time that correspond to the usage of the activated feature (“occurrence of the second trigger event”).</p> <p>“It is also contemplated that the temporary activation</p>

	<p>could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p> <p>Manduley also discloses measuring quantities related to the operation (“occurrence of the second trigger event”). It is understood that these quantities can be measured using a “second counter.”</p> <p>“...temporary activation has, for the most part, been described on the assumption that the amount of permitted usage of the feature is based on a quantity of usage. For example, the usage could be measured in terms of number of transactions processed, or dollar-amount of shipping charges calculated, number of sessions, total duration of sessions, number of users, total distances of goods shipped, total weight of goods shipped, number of reports printed or any other measurable quantity related to the operation of device 20.” (8:63-9:5)</p>
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Claim 29	Disclosure In Manduley
<p>The tangible computer readable medium of claim 27 [sic], wherein the method further includes:</p>	<p>Manduley discloses the method of claim 28 as described above.</p>
<p>storing the second counter on the device; and</p>	<p>Manduley discloses storing the second counter on the device.</p> <p>Manduley discloses the clock/calendar mechanism (“second counter”) indicating the current data and time determines the end of the temporary activation. It is understood that the current data and time is stored in the memory.</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p> <p>Manduley also discloses that the measurable quantities (“second</p>

	<p>counter”) are used to determine the end of the temporary activation. It is understood that these measurable quantities are stored in the memory.</p> <p>“...temporary activation has, for the most part, been described on the assumption that the amount of permitted usage of the feature is based on a quantity of usage. For example, the usage could be measured in terms of number of transactions processed, or dollar-amount of shipping charges calculated, number of sessions, total duration of sessions, number of users, total distances of goods shipped, total weight of goods shipped, number of reports printed or any other measurable quantity related to the operation of device 20.” (8:63-9:5)</p> <p>Manduley also discloses storing in an activation map usage counters including a “second counter” that measures the measurable quantities.</p> <p>“Program activation module then compares the updated usage counter with the amount of usage allowed, as stored in the activation map (step 116)”. (5:49-51)</p>
<p>transmitting the value of the second counter to the server.</p>	<p>Manduley discloses transmitting a value of the second counter to the server.</p> <p>Manduley discloses an activation map.</p> <p>“Program activation module then compares the updated usage counter with the amount of usage allowed, as stored in the activation map (step 116)”. (5:49-51)</p> <p>Manduley discloses that the activation map including the updated usage counter of the measurable quantities (“a value of the second counter”) is automatically updated.</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p> <p>Manduley discloses transmitting the request code to a data center (“server”). It is understood that the request code can contain the measurable quantities (“a value of the second counter”).</p>

“Following step 150 is step 152, at which the integrated request code is transmitted from device 20 to the data center.” (7:24-26).

Claim 30	Disclosure In Manduley
<p>A physical unit, comprising:</p>	<p>Manduley discloses a physical unit.</p> <p>Manduley discloses a data processing device (“physical unit”).</p> <p>“Device 20 includes CPU 22, which may be a conventional microprocessor. Connected to CPU 22 are a plurality of memory devices 24-1 through 24-N. Memory devices 24 may include, for example, program memory ROMs, detachable PROMM paddles, working RAMs, fixed and/or floppy disk drives, CD ROM drives, etc. It will be appreciated that at least some of the memory devices are read/write memory while others may be read only.” (3:34-41)</p> <div> </div> <p>(Fig. 1)</p> <p>Manduley also discloses a personal computer or an embedded system (“physical unit”).</p> <p>“Among other alternatives, the hardware just described may advantageously be realized in a conventional personal computer, or may be incorporated in an embedded system such as the STAR 110 described</p>

Claim 30	Disclosure In Manduley
	above.” (3:45-48)
<p>means for monitoring a product for an occurrence in the product of a trigger event of a predefined plurality of trigger events;</p>	<p>Manduley discloses means for monitoring a product for an occurrence in the product of a trigger event of a predefined plurality of trigger events.</p> <p>Manduley discloses a data processing device (“product”).</p> <p>“Device 20 includes CPU 22, which may be a conventional microprocessor. Connected to CPU 22 are a plurality of memory devices 24-1 through 24-N. Memory devices 24 may include, for example, program memory ROMs, detachable PROMM paddles, working RAMs, fixed and/or floppy disk drives, CD ROM drives, etc. It will be appreciated that at least some of the memory devices are read/write memory while others may be read only.” (3:34-41)</p> <p>Manduley discloses that the data processing device (“product”) runs application programs.</p> <p>“Accessed via application manager 42 are one or more application programs, such as an accounting program (block 44), an addressing program (block 46), and a manifesting program (block 48).” (3:66-4:2)</p> <p>Manduley discloses monitoring usage (“trigger event”) of the application programs.</p> <p>“If the user selects temporary activation, there may be menu items that indicate such options as the number of times the feature will be made available for use, or a length of time during which the feature will be available.” (6:17-21).</p> <p>Manduley discloses measuring usage (“occurrence in the product of a trigger event”) of an application program that runs on the device (“product”).</p> <p>“Second, temporary activation has, for the most part, been described on the assumption that the amount of permitted usage of the feature is based on a quantity of usage. For example, the usage could be measured in terms of number of transactions processed, or in dollar-amount of shipping charges calculated, number of sessions, total duration of sessions, number of users, total distances of goods shipped, total weight of goods</p>

Claim 30	Disclosure In Manduley
	<p>shipped, number of reports printed or any other measurable quantity related to the operation of device 20." (8:63-9:5)</p> <p>Manduley discloses measuring the time period and expiration of the activated feature of the application program running in the device ("product").</p> <p>"It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current data and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes." (9:5-10)</p>
<p>means for incrementing a counter corresponding to the trigger event upon detection of the occurrence of the trigger event;</p>	<p>Manduley discloses means for incrementing a counter corresponding to the trigger event upon detection of the occurrence of the trigger event.</p> <p>Manduley discloses incrementing a usage counter ("counter") that increments corresponding to the usage of the activated feature ("trigger event").</p> <p>"Returning now to step 110, if activation of the requested feature was found to be temporary, program activation module 58 updates a usage counter with respect to the requested feature to account for the requested use of the feature (step 114)." (5:45-49)</p> <p>Manduley also discloses a clock/calendar mechanism ("counter") that indicates date and time that correspond to the usage of the activated feature ("trigger event").</p> <p>"It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes." (9:5-10)</p>
<p>means for probing for information regarding a use of the product</p>	<p>Manduley discloses means for probing for information regarding a use of the product.</p> <p>Manduley discloses displaying menu items that indicate the number of usage or time ("probing for information regarding a use") of the features</p>

Claim 30	Disclosure In Manduley
	<p>(“product”).</p> <p>“With respect to at least some of the features available for activation, there may be menu items that indicate that either temporary or permanent activation is available. If the user selects temporary activation, there may be menu items that indicate such options as the number of times the feature will be made available for use, or a length of time during which the feature will be available.” (6:15-21).</p> <p>Manduley discloses displaying a warning to the user that indicates the number of remaining authorized uses and/or approaching deadline (“information regarding a use of the product”).</p> <p>“The warning may then go on to advise the user how permanent or further temporary activation may be requested. Of course, in the case of a limited duration temporary activation, the warning would refer to the approaching deadline rather than the number of remaining authorized uses.” (9:20-25).</p> <p>Manduley discloses indicating the number of allowed usages of the activated feature (“information regarding a use of the product”).</p> <p>“The [feature selected] has been temporarily activated. Please note that only X more uses of this feature are authorized under the temporary activation.” (9:17-19)</p>
<p>if the counter exceeds a threshold;</p>	<p>Manduley discloses probing for information, if the counter exceeds a threshold.</p> <p>Manduley discloses displaying a warning to the user (“probing for information”) if the permitted duration of quantity of usage will soon expire or exhausted (“the counter exceeds a threshold”).</p> <p>“Third, it may be desirable to warn the user if the permitted duration or quantity of usage will soon expire or be exhausted. Accordingly, step 116 of FIG. 3-B may include a test as to whether such a warning is appropriate. If so, a warning such as the following is to be displayed on display 26:” (9:11-16)</p> <p>Manduley discloses comparing the usage counter with the amount of usage allowed (“threshold”).</p>

Claim 30	Disclosure In Manduley
	<p>“Program activation module then compares the updated usage counter with the amount of usage allowed, as stored in the activation map (step 116)”. (5:49-51)</p>
<p>means for storing an input received from the means for probing; and</p>	<p>Manduley discloses means for storing an input received from the means for probing.</p> <p>Manduley discloses storing an user input (“input received from the means for probing”).</p> <p>“Block 40 represents user interface software that allows the user to input data into, and control, device 20 and to receive information from device 20.” (3:59-61)</p>
<p>means for transmitting the input to a server.</p>	<p>Manduley discloses means for transmitting the input to a server.</p> <p>Manduley discloses transmitting the user input data to a data center (“server”).</p> <p>“Following step 150 is step 152, at which the integrated request code is transmitted from device 20 to the data center.” (7:24-26).</p>

Claim 31	Disclosure In Manduley
<p>The unit of claim 30, further comprising:</p>	<p>Manduley discloses the physical unit of claim 30 as described above.</p>
<p>means for monitoring the product for an occurrence in the product of a second trigger event of the predefined plurality of trigger events; and</p>	<p>Manduley discloses means for monitoring the product for an occurrence in the product of a second trigger event of the predefined plurality of trigger events.</p> <p>Manduley discloses a clock/calendar mechanism that indicates date and time (“second trigger event”) corresponding to the usage of the activated feature.</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p> <p>Manduley also discloses that the usage of a feature could be measured in terms of any measurable quantity related to the operation of the device (“product”) in addition to the amount of permitted usage (“trigger event”</p>

	<p>of claim 1).</p> <p>“...temporary activation has, for the most part, been described on the assumption that the amount of permitted usage of the feature is based on a quantity of usage. For example, the usage could be measured in terms of number of transactions processed, or dollar-amount of shipping charges calculated, number of sessions, total duration of sessions, number of users, total distances of goods shipped, total weight of goods shipped, number of reports printed or any other measurable quantity related to the operation of device 20.” (8:63-9:5)</p>
<p>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.</p>	<p>Manduley 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.</p> <p>Manduley discloses that the clock/calendar mechanism (“second counter”) measures elapsed date and time that correspond to the usage of the activated feature (“occurrence of the second trigger event”).</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p> <p>Manduley also discloses measuring quantities related to the operation (“occurrence of the second trigger event”). It is understood that these quantities can be measured using a “second counter.”</p> <p>“...temporary activation has, for the most part, been described on the assumption that the amount of permitted usage of the feature is based on a quantity of usage. For example, the usage could be measured in terms of number of transactions processed, or dollar-amount of shipping charges calculated, number of sessions, total duration of sessions, number of users, total distances of goods shipped, total weight of goods shipped, number of reports printed or any other measurable quantity related to the operation of device 20.” (8:63-9:5)</p>

Claim 32	Disclosure In Manduley
The unit of claim 30 [sic], further comprising:	Manduley discloses the unit of claim 31 as described above.
means for storing the second counter on the device; and	<p>Manduley discloses means for storing the second counter on the device.</p> <p>Manduley discloses the clock/calendar mechanism (“second counter”) indicating the current data and time determines the end of the temporary activation. It is understood that the current data and time is stored in the memory.</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case, device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p> <p>Manduley also discloses that the measurable quantities (“second counter”) are used to determine the end of the temporary activation. It is understood that these measurable quantities are stored in the memory.</p> <p>“...temporary activation has, for the most part, been described on the assumption that the amount of permitted usage of the feature is based on a quantity of usage. For example, the usage could be measured in terms of number of transactions processed, or dollar-amount of shipping charges calculated, number of sessions, total duration of sessions, number of users, total distances of goods shipped, total weight of goods shipped, number of reports printed or any other measurable quantity related to the operation of device 20.” (8:63-9:5)</p> <p>Manduley also discloses storing in an activation map usage counters including a “second counter” that measures the measurable quantities.</p> <p>“Program activation module then compares the updated usage counter with the amount of usage allowed, as stored in the activation map (step 116)”. (5:49-51)</p>
means for transmitting the value of the second counter to the server.	<p>Manduley discloses means for transmitting a value of the second counter to the server.</p> <p>Manduley discloses an activation map.</p>

	<p>“Program activation module then compares the updated usage counter with the amount of usage allowed, as stored in the activation map (step 116)”. (5:49-51)</p> <p>Manduley discloses that the activation map including the updated usage counter of the measurable quantities (“a value of the second counter”) is automatically updated.</p> <p>“It is also contemplated that the temporary activation could be for a fixed time period, i.e. expiring at a fixed deadline. In that case device 20 preferably includes a clock/calendar mechanism for indicating the current date and time; preferably, the activation map is automatically updated to end the temporary activation when the deadline passes.” (9:5-10)</p> <p>Manduley discloses transmitting the request code to a data center (“server”). It is understood that the request code can contain the measurable quantities (“a value of the second counter”).</p> <p>“Following step 150 is step 152, at which the integrated request code is transmitted from device 20 to the data center.” (7:24-26).</p>
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