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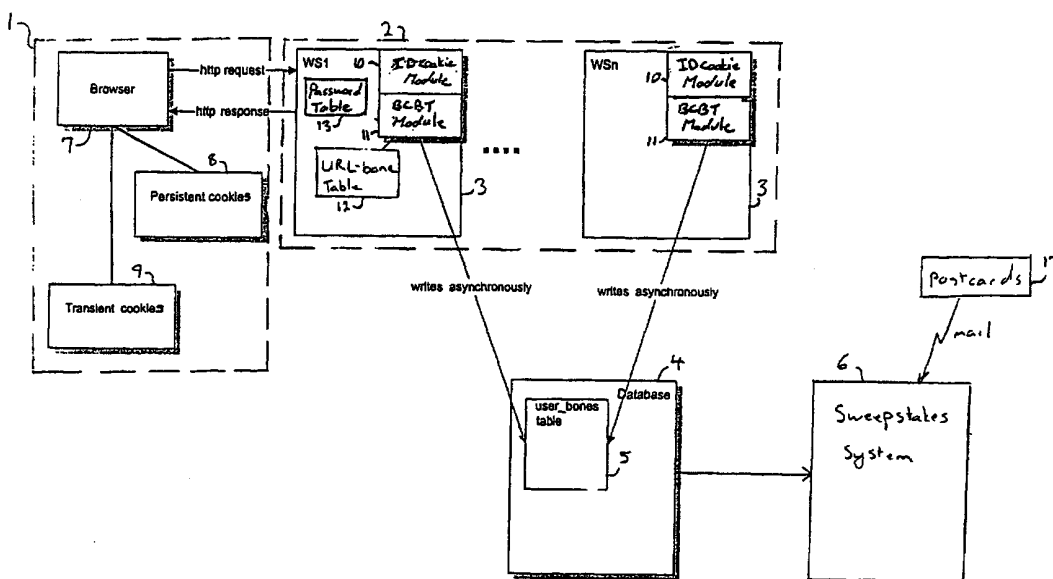
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(54) Title: NETWORK-BASED SWEEPSTAKES SYSTEM AND METHOD



(57) Abstract: A system and method for automatically enrolling users of a website (31) or other network-based service in sweepstakes (6). A user of a user computer system connects to a host computer system hosting a website (31) or other network-based service and is awarded points (5) for accessing features of the website or service (31). The points (5) are displayed in real-time on the user's computer and transmitted to a database server (4), which maintains the user's point totals. The user is then automatically given a number of entries in a sweepstakes (6) based on the number of points he or she has been awarded. Users may also be awarded points for accessing features of websites or services of third-party host computer systems.



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Network-Based Sweepstakes System and Method

FIELD OF THE INVENTION

The present invention relates to a system and method for generating traffic at
5 Internet websites or other network-based services accessible for on-line communications
and, in particular, for encouraging users to use a website or other network-based service by
automatically enrolling users in sweepstakes.

BACKGROUND OF THE INVENTION

10 With the proliferation of Internet websites, a major problem for website providers is
attracting and retaining Internet users. This problem is of critical importance because
advertising revenues, which is the major source of revenue for many websites, is often
linked to the number of users visiting a site and the amount of time users spend on a site.

One technique used to attract users is to award points for, for example, purchasing
15 goods through a website, which may be redeemed for merchandise or other prizes. Such a
technique is described in U.S. Patent No. 5,774,870 to Storey. One drawback of this
technique is that it is generally applicable only to websites where goods are sold and
requires that the website provider have some manner of goods or services to be exchanged
for points. Another drawback is that many Internet users are reluctant to make purchases
20 over the Internet and therefore an award program based on purchases will not attract these
users. Still another drawback of this technique is that it requires Internet users to actively
redeem accumulated points, which some users may find bothersome. Another drawback is
that it requires the Internet provider to provide and support a points redemption program.

SUMMARY OF THE INVENTION

25 It is therefore an object of the present invention to provide a system and method for
attracting and retaining Internet users, and users of other network-based services, by
rewarding users for accessing and using a website, or other feature of a network-based
service, but without the drawbacks characteristic of the prior art, as mentioned above.

30 It is another object of the invention to provide a system and method for operating an
on-line sweepstakes.

Briefly, the present invention provides a system and method in which users are
awarded points, referred to herein as "bones," for accessing a website, and, in particular, for
clicking on hyperlinks within the website. The number of bones awarded for clicking on
35 each hyperlink is stored in a table on the web servers in the host system hosting the website.
A tally of the number of bones awarded to each user over various periods of time is stored

in a database on a database server. Illustratively, these periods are daily, monthly and yearly. These tallies are used to automatically enter each user in daily, monthly and yearly sweepstakes, awarding substantial cash or other prizes. Users are given an entry in each sweepstakes for each corresponding bone and, thus, the more bones that a user accumulates
5 the more likely he or she is to win any of the sweepstakes.

When a user signs in to the website, the bone information for that user is retrieved by the web server from the database and stored in cookies on the user's PC. A box is then displayed on the user's PC stating the user's current number of daily, monthly and yearly bones. The web server updates the display in real-time as the user accumulates more bones.
10 In addition, the web server sends real-time user bone information to the database server so that the database server can maintain user bone information independently of the information stored in the cookies on the user's PC. In a preferred embodiment, the database server periodically transmits (for example, once a day) user bone information to a sweepstakes system that conducts the sweepstakes.

15 The present invention thus encourages users to access and use a website by awarding bones that give users chances to win sweepstakes. Users are automatically enrolled in the sweepstakes and thus are required to take no action other than using the website. The invention can be used on any type of website and does not require that the website sell a product. It also does not require that the website host provide products or
20 services as prizes or provide and maintain a point redemption program.

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a block diagram of an Internet-based sweepstakes system of a preferred embodiment of the present invention.

25 Fig. 2 is a flow chart illustrating a portion of the operation of a preferred embodiment of the present invention.

Fig. 3 is a web page in accordance with a preferred embodiment of the present invention.

30 DETAILED DESCRIPTION

Fig. 1 illustrates the basic hardware setup of a preferred embodiment of the present invention. A user at personal computer (PC) 1 connects, preferably via the Internet, to host 2. PC 1 contains a processor, such as Pentium II, and memory. Host 2 is comprised of one or more web servers 3, such as Netscape Enterprise Webservers. The web servers 3 are in
35 turn connected to database server 4, containing database 5. Database server 4 is connected,

via a dial-up connection, local or wide area network, or other means, to sweepstakes system 6.

Briefly, PC 1 contains and executes browser 7, which enables PC 1 to communicate with a web server 3, and contains various persistent and transient cookies 8 and 9. Cookies 8 and 9 are set by web server 3; persistent cookies 8 are typically set when a user registers with host 2 and transient cookies are typically set when the user subsequently accesses host 2. Browser 7 and cookies 8 and 9 reside in memory in PC 1. In a preferred embodiment, host 2 hosts a portal-type website, i.e., a website that provides hyperlinks to various services, various webpages in the website and various other websites and services. When PC 1 connects to a web server 3, it downloads a webpage, which is displayed by browser 7. The webpage contains hyperlinks that are typically highlighted in some manner by browser 7. When a user selects a hyperlink, by for example clicking on it with his or her mouse, PC 1 sends a URL (uniform resource locator) corresponding to the hyperlink to webserver 3.

In accordance with the present invention, a user is awarded points, referred to herein as "bones," for clicking on hyperlinks. The hyperlinks may represent, in the user's view, a request for a webpage or a portion of a webpage or a request for a service or other feature of a website. For example, a user may be awarded bones for performing some task, such as making a webpage on host 2 the user's homepage or signing up for a service, such as email. In this case, the user may have to click on one or more hyperlinks to complete the task, with the last hyperlink, for example, indicating that the task has been completed. Alternatively, after the user has completed the task, host 2 can send a redirection response to PC 1, causing PC 1 to automatically request a url associated with the completion of the task. Advantageously, different numbers of bones may be awarded for clicking on different hyperlinks in accordance with a URL-Bone Table 12. Users are automatically enrolled in daily, monthly and yearly sweepstakes and their chances of winning depend on the number of bones they have collected over the corresponding time period. For security and sometimes legal reasons, the maximum number of bones a user can accumulate in a day is fixed. In one embodiment, the maximum number is 100. Transient cookies 9 on PC 1 store the daily, monthly and yearly bone totals. A javascript on PC 1 displays a "bone box" on PC 1, containing the user's first name and daily, monthly and yearly bone totals as stored in cookies 9.

Each webserver 3 executes ID cookie module 10 and BCBT (bone counting bone tracking) module 11. ID cookie module 10 generates a unique user ID when a user registers and writes the ID in a persistent cookie, called ssuid, on PC 1. The unique user ID can be generated, for example, using Vignette Corporation's StoryServer Software package, which guarantees that the ID is specific and unique for each user and produces IDs that are very

difficult to generate without using the package (i.e., the IDs are difficult to "spoof"). ID cookie module 10 also generates a unique user number, associated with each unique user ID, and writes the user number in a persistent cookie, called user_num, on PC 1. The user_num cookie is used as an index to conveniently access URL-Bone Table 12.

- 5 BCBT module 11 performs the following functions:
- (a) determines whether the user interacting with the host system is a registered user and sets the Register_flag cookie on PC 1 to 'Y' (yes) or 'N' (no) accordingly, causing the javascript on PC 1 to display a message directing the user to register if he or she is not a registered user;
 - 10 (b) awards a number of bones to a user for requesting a hyperlink, or url, based on the number specified in URL-Bone Table 12;
 - (c) awards bones to bone counter cookies on the user's PC and asynchronously or synchronously writes the number of awarded bones to Database Server 4 (Database Server 4 in turn updates user-bones table 5, which stores daily, monthly and yearly bone
 - 15 information for one or more of the registered users).
 - (d) if the daily bone limit for a user has been reached, does not increment the bone counter cookies or send awarded bone information for the user to the database;
 - (e) writes the user's first name, and daily, monthly and yearly bone totals to temporary cookies, called Firstname, Bonecounter_daily, Bonecounter_monthly and
 - 20 Bonecounter_yearly, respectively, which are then displayed in a "bone box" via a javascript that executes on PC 1;
 - (f) writes a special value into the Bonecounter_daily cookie when the system is unavailable because the Database Server 4 is transmitting bone information to Sweepstakes System 6 (called "bone time"), which in turn causes the javascript on PC 1 to display a
 - 25 message indicating that bones cannot be awarded at the present time; and
 - (g) when an error occurs, writes an error code in an Errorcode cookie on PC 1, causing the javascript to display the appropriate error message.

The BCBT module may be implemented as an NSAPI (Netscape Application Programming Interface) plug-in to a Netscape Enterprise Webserver (NES).

- 30 Preferably at least once a day, database server 4 sends new user information and updated bone information to sweepstakes system 6 for all new users and all users who have received bones during the course of the day. If required to satisfy local and federal rules and regulations regarding sweepstakes, sweepstakes system 6 may also receive mail-in requests for bones via postcards 13 or other alternative means of sweepstakes entry.
- 35 Sweepstakes system 6 performs daily, monthly and yearly sweepstakes, with each user getting one entry for each of his or her daily, monthly and yearly bones.

Fig. 2 is a flowchart illustrating the operation of a preferred embodiment of the present invention. In step 31, a user at PC 1 connects to a web server 3 in host 2 by, for example, typing a url associated with host 2 in browser 7. In step 32, host 2 executes a module that generates a webpage and downloads it to PC 1. In step 33, web server 3 checks if ssuid and user_num cookies exist for the user by requesting these cookies from PC 1. If browser 7 does not have cookies enabled, the user cannot get any bones and PC 1 displays an appropriate error message informing the user that cookies must be enabled. As mentioned above, the ssuid and user_num cookies are persistent cookies stored on PC 1 containing a unique user ID and user number, respectively, for a registered user of the system. If these cookies do not exist, either the user has not yet registered with host system 2 or the cookies were deleted (for example, because there was a fault in PC 1 or the cookies were tampered with). If the user has previously registered, then he signs in at steps 34 and 35 by entering his user name and password. In step 36, web server 3 verifies the user name and password based on the information in password table 13. If the user name and password is verified, web server 3, in step 37, creates and sets the ssuid, user_num and DbIndicator cookies in PC 1. The DbIndicator cookie identifies the database server 4 and user_bones table 5 containing information about the user, which is useful if multiple databases are used. Otherwise, web server 3 causes PC 1 to report a sign-in error to the user, at step 38, and the process returns to step 34.

If the user has not been previously registered, then he registers at step 39. During registration, ID cookie module 10 on web server 3 creates an entry for the user in password table 13 and creates a unique ssuid and user number for the user. Also, BCBT module 11 creates an entry for the user in a specific database server 4 and user_bones table 5. The registration process also collects other information about the user, such as the user's age and address, and determines if the user is eligible to participate in the sweepstakes by, for example, checking if the entered age is greater than or equal to 18 and the entered address is located in a United States state or territory. This information can be carefully verified in the event the user wins a sweepstake. Processing then proceeds to step 37, which again creates and sets the ssuid and DBIndicator cookies on PC 1.

Next, in step 40, web server 3 creates and sets the following transient cookies on PC 1: Bonecounter_daily, Bonecounter_monthly, Bonecounter_yearly, Firstname, Registered_flag and Last_url. Bonecounter_daily, Bonecounter_monthly and Bonecounter_yearly cookies store the current number of daily, monthly and yearly bones, respectively. The Firstname cookie stores the user's first name. The bonecounter and Firstname cookies are retrieved by BCBT module 11 from the user_bones table 5 and database server 4 identified by the previously set DbIndicator cookie. The Registered_flag

cookie is set to 'Y' (yes) or 'N' (no) depending on whether the user is registered. The Last_url cookie holds the last url the user went to and is used for fraud detection, as explained below. The Last_url cookie preferably expires after 30 minutes; the other transient cookies expire when, for example, the user logs off the Internet.

5 In step 41, a javascript running on PC 1 reads the bonecounter and Firstname cookies and displays the user's first name and daily, monthly and yearly bonecounts in a box located, for example, at the top of PC 1's display screen.

In step 42, the user clicks on a hyperlink, causing browser 7 on PC 1 to send a url request to BCBT module 11 on web server 3. Url information may also be sent from a third
10 party host, not part of host system 2, to BCBT module 11. In this way, a user may receive bones for accessing and using websites that are not hosted by host 2. In one implementation, the third party host includes an image tag containing a url associated with host 2 on each webpage for which bones are awarded; when browser 7 renders the third party webpage, it will request the url, which in turn will cause the url to be sent to BCBT
15 module 11 on a web server 3 in host 2. If the user's ssuid and user_num cookies are set, BCBT module 11 then awards the user the appropriate number of bones and returns an image containing the current bonecounts in a bone box, which is then displayed on PC 1. Alternatively, the third party host can display current bonecounts in a bone box via a javascript. In another implementation, the third party host can execute its own version of
20 BCBT module 11 that writes user bonecount information to a file, instead of to database server 4. The file can then be sent periodically from the third party host to database server 4, which in turn will update user_bones table 5.

In step 43, BCBT module 11 compares the received url to the url stored in the Last_url cookie. If the two are the same, the user does not get any bones for the request and
25 processing resumes at step 42. This prevents a user from getting credit for, e.g., hitting the reload button on his browser. Otherwise, if the received url is different from the url in the Last_url cookie, BCBT module 11 checks, in step 44, if the daily bone limit has been reached by reading the Bonecounter_daily cookie. If it has, processing resumes at step 42. If the daily bone limit has not been reached, BCBT module 11, in step 45, looks up the
30 number of bones associated with the url in url-bone table 12 on web server 3. Each entry in url-bone table 12 comprises a url (or pathname) and a number of bones associated with the url. A master url-bone table is stored on database server 4 and is automatically downloaded by each web server 3 whenever a web server starts up. The master url-bone table is also periodically downloaded by each web server, for example, once a month, and, the
35 downloaded url-bone tables are also preferably automatically updated whenever the master

url-bone table is updated. A received url is first parsed before the table lookup occurs such that all characters after the rightmost slash in the url are removed.

Finally, in step 46, BCBT module 11 determines, based on the Bonecounter_daily cookie, if adding the associated number of bones to the user's bone totals will exceed the user's daily bone limit. If it does not, BCBT module 11 adds the associated number of bones to the Bonecounter_daily, Bonecounter_monthly and Bonecounter_yearly cookies on PC 1; otherwise, BCBT module 11 only adds enough bones to the three bonecounter cookies to bring the Bonecounter_daily cookie up to the daily limit. The javascript on PC 1, in turn, displays the new bone totals in real-time in the user-bone information box.

BCBT module 11 also sends the bone information to database server 4, which independently updates user_bones table 5. The bone information is sent, in one embodiment, asynchronously to reduce the danger that communications between web servers 3 and database server 4 will cause a bottleneck, slowing down the performance of the overall system. BCBT module 11 sends to database server 4 the total number of bones associated with the url even if it will exceed the user's daily bone limit. Database server 4 then performs its own determination of whether the daily bone limit for the user will be exceeded based on the information in user_bones table 5 and only adds enough bones to bring the user up to the daily limit. This determination is performed in two places, BCBT module 11 in web server 3 and database server 4, to ensure that user_bones table 5 will store the correct number of cookies even if something goes wrong with the cookie values that BCBT module 11 uses for its determination. This prevents a user from fraudulently obtaining bones by modifying his or her cookie values.

Database accesses are performed by a database access module executing on database server 4. This module may be implemented as a pooled connection design in which each web server 3 opens a number (for example, 8) connections to database server 4, with the final link in each connection implemented using, for example, RogueWave libraries, Oracles's Pro*C, OCI and/or Query Cache by Sapiient Corporation. The writes to the database can be done using asynchronous or synchronous calls to PL/SQL stored procedures. Preferably, synchronization points are set up in each web server 3 such that only one thread can use any one connection to the database at any given time.

Preferably once a day, during an off-peak time such as the early morning, database server 4 transmits to sweepstakes system 6 new user information and daily bone information for each user who was awarded one or more bones during the previous twenty-four hours. The time that this transmission occurs is referred to as "bone time," and is programmed into BCBT module 11. If a user accesses host system 2 during bone time, BCBT module 11 will place a special token in a cookie that specifies that the bone counting

system is unavailable. This cookie is read by the javascript on PC 1, which in turn displays an appropriate message in the user bone-box on PC 1. BCBT module 11 will come out of the bone time state when a flag is set by database server 4 telling BCBT module 11 that bone time is finished.

5 Sweepstakes system 6 conducts daily, monthly and yearly sweepstakes in accordance with applicable local and federal rules and regulations. Each user automatically gets an entry in each daily, monthly and yearly sweepstakes for each of his or her daily, monthly and yearly bones. Preferably, the awards for each of the sweepstakes is large enough to encourage users to use host system 2. In one embodiment, the daily sweepstake
10 prize is \$10,000, the monthly sweepstake prize is \$1,000,000, and the yearly sweepstake prize is \$10,000,000.

Fig. 3 is a web page in accordance with an embodiment of the present invention. At the top of the page is user bone box 70. Under "Myentries" in the "\$10,000 Daily prize" subbox 71, "\$1 Million Monthly Prize" subbox 72 and "\$10 Million Yearly Prize" subbox
15 73, the "-" is replaced by the current number of daily, monthly and yearly bones, respectively, once a registered user signs in. In addition, next to each hyperlink, a number appears, indicating the number of bones a user will receive for clicking on the hyperlink.

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What is claimed is:

1. An Internet-based sweepstakes system comprising:
 - 5 (a) a host computer system hosting a website; and
 - (b) a user computer system that can be connected to the host computer system and access the website;
 - (c) wherein the host computer system awards points to a user of the user computer system for accessing features of the website; and
 - 10 (d) wherein the user is given a number of entries in a sweepstakes based on the number of points the user has been awarded.
2. The system of claim 1 wherein the user is automatically entered by the host system in the sweepstakes.
- 15 3. The system of claim 2 wherein the host computer system stores registration information pertaining to the user.
4. The system of claim 2 wherein the user receives one entry in the sweepstakes for each point.
- 20 5. The system of claim 2 wherein the user is awarded one or more points for clicking on a hyperlink in the website.
- 25 6. The system of claim 2 wherein the user is awarded one or more points for making a webpage in the website the user's home page.
7. The system of claim 2 wherein the user is awarded one or more points for signing up for a service offered by the host system.
- 30 8. The system of claim 7 wherein the service is email.
9. The system of claim 1 wherein the number of awarded points is displayed on the user computer system and the displayed number of points is updated substantially concurrently with an award of additional points.
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10. The system of claim 1 wherein the number of awarded points is displayed on the user computer system and the displayed number of points is automatically updated when additional points are awarded.
- 5 11. The system of claim 1 wherein the host computer system stores a table containing, for each website feature for which points are awarded, a number of points associated with the feature.
12. The system of claim 11 wherein the number of awarded points is displayed on the
10 user computer system and the host computer system causes the displayed number of points to be updated substantially concurrently with an award of additional points.
13. The system of claim 2 further comprising a database server storing a database; the database storing point information relating to the user.
- 15 14. The system of claim 13 wherein
- (a) the host computer system stores a table containing, for each website feature for which points are awarded, a number of points associated with the feature;
- (b) the number of awarded points is displayed on the user computer system and
20 the host computer system causes the displayed number of points to be updated substantially concurrently with an award of additional points; and
- (c) the host computer system transmits the points awarded to the user to the database server.
- 25 15. The system of claim 14 wherein the points are transmitted to the database server asynchronously.
16. The system of claim 1 further comprising:
a third-party computer system hosting a third-party website, wherein
- 30 (i) the user computer system can be connected to the third-party computer system and access the third-party website; and
- (ii) the host computer system awards points to the user for accessing features of the third-party website.
- 35 17. The system of claim 15 further comprising:
a third-party computer system hosting a third-party website, wherein

- (i) the user computer system can be connected to the third-party computer system and access the third-party website; and
- (ii) the host computer system awards points to the user for accessing features of the third-party website.

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18. A method of entering a user of a user computer system in a sweepstakes comprising the steps of:
- (a) connecting the user computer system to a host computer;
 - (b) accessing a website on the host computer;
 - 10 (c) awarding points to the user for accessing features of the website; and
 - (d) giving the user a number of entries in the sweepstakes based on the number of points the user has been awarded.
19. The method of claim 18 further comprising the step of:
- 15 (e) automatically entering the user in the sweepstakes.
20. The method of claim 19 further comprising the step of:
- (f) storing registration information pertaining to the user on the host computer.
- 20 21. The method of claim 19 wherein the user receives one entry in the sweepstakes for each point.
22. The method of claim 19 wherein the user is awarded one or more points for clicking on a hyperlink in the website.
- 25 23. The method of claim 19 wherein the user is awarded one or more points for making a webpage in the website the user's home page.
24. The method of claim 19 wherein the user is awarded one or more points for signing
- 30 up for a service offered by the host system.
25. The method of claim 19 wherein the service is email.
26. The method of claim 18 further comprising the step of

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- (e) displaying the number of awarded points on the user computer system, wherein the displayed number of points is updated substantially concurrently with an award of additional points.
- 5 27. The method of claim 18 further comprising the step of
- (e) displaying the number of awarded points on the user computer system, wherein the displayed number of points is automatically updated when additional points are awarded.
- 10 28. The method of claim 18 further comprising the step of
- (e) storing on the host computer system a table containing, for each website feature for which points are awarded, a number of points associated with the feature.
- 15 29. The method of claim 28 further comprising the step of
- (e) displaying the number of awarded points on the user computer system, wherein the displayed number of points is updated substantially concurrently with an award of additional points.
- 20 30. The method of claim 19 further comprising the step of
- (f) storing a database on a database server, wherein the database stores point information relating to the user.
31. The method of claim 19 further comprising the steps of:
- 25 (g) storing a table on the host computer system containing, for each website feature for which points are awarded, a number of points associated with the feature;
- (h) displaying the number of awarded points on the user computer system, wherein the host computer system causes the displayed number of points to
- 30 be updated substantially concurrently with an award of additional points; and
- (i) transmitting the points awarded to the user from the host computer system to the database server.
32. The method of claim 31 wherein the points are transmitted to the database server
- 35 asynchronously.

33. The method of claim 18 further comprising the steps of:
- (e) connecting the user computer system to a third-party computer system;
 - (f) accessing a third-party website on the third-party computer system; and
 - (g) awarding points to the user for accessing features of the third-party website.
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34. The method of claim 32 further comprising the steps of:
- (j) connecting the user computer system to a third-party computer system;
 - (k) accessing a third-party website on the third-party computer system; and
 - (l) awarding points to the user for accessing features of the third-party website.
- 10
35. Computer code embedded in a storage medium performing the steps of:
- (a) connecting a user computer system to a host computer;
 - (b) accessing a website on the host computer;
 - (c) awarding points to a user of the user computer for accessing features of the website; and
- 15
- (d) giving the user a number of entries in a sweepstakes based on the number of points the user has been awarded.
36. The computer code of claim 35 further performing the step of:
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- (e) automatically entering the user in the sweepstakes.
37. The computer code of claim 36 further performing the step of:
- (f) storing registration information pertaining to the user on the host computer.
- 25
38. The computer code of claim 36 wherein the user receives one entry in the sweepstakes for each point.
39. The computer code of claim 36 wherein the user is awarded one or more points for clicking on a hyperlink in the website.
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40. The computer code of claim 36 wherein the user is awarded one or more points for making a webpage in the website the user's home page.
41. The computer code of claim 36 wherein the user is awarded one or more points for signing up for a service offered by the host system.
- 35

42. The computer code of claim 41 wherein the service is email.
43. The computer code of claim 35 further performing the step of
(e) displaying the number of awarded points on the user computer system,
5 wherein the displayed number of points is updated substantially concurrently
with an award of additional points.
44. The computer code of claim 35 further performing the step of
(e) displaying the number of awarded points on the user computer system,
10 wherein the displayed number of points is automatically updated when
additional points are awarded.
45. The computer code of claim 35 further performing the step of
(e) storing on the host computer system a table containing, for each website
15 feature for which points are awarded, a number of points associated with the
feature.
46. The computer code of claim 45 further performing the step of
(e) displaying the number of awarded points on the user computer system,
20 wherein the displayed number of points is updated substantially concurrently
with an award of additional points.
47. The computer code of claim 36 further performing the step of
(f) storing a database on a database server, wherein the database stores point
25 information relating to the user.
48. The computer code of claim 36 further performing the steps of:
(g) storing a table on the host computer system containing, for each website
30 feature for which points are awarded, a number of points associated with the
feature;
(h) displaying the number of awarded points on the user computer system,
wherein the host computer system causes the displayed number of points to
be updated substantially concurrently with an award of additional points; and
(i) transmitting the points awarded to the user from the host computer system to
35 the database server.

49. The computer code of claim 48 wherein the points are transmitted to the database server asynchronously.
50. The computer code of claim 35 further performing the steps of:
- 5 (e) connecting the user computer system to a third-party computer system;
- (f) accessing a third-party website on the third-party computer system; and
- (g) awarding points to the user for accessing features of the third-party website.
51. The computer code of claim 48 further performing the steps of:
- 10 (j) connecting the user computer system to a third-party computer system;
- (k) accessing a third-party website on the third-party computer system; and
- (l) awarding points to the user for accessing features of the third-party website.
52. A network-based sweepstakes system comprising:
- 15 (a) a host computer system hosting a service; and
- (b) a user computer system that can be connected to the host computer system and access features of the service;
- (c) wherein the host computer system awards points to a user of the user computer system for accessing features of the service; and
- 20 (d) wherein the user is given a number of entries in a sweepstakes based on the number of points the user has been awarded.
53. The system of claim 52 wherein the user is automatically entered by the host system in the sweepstakes.
- 25
54. The system of claim 53 wherein the host computer system stores registration information pertaining to the user.
55. The system of claim 52 wherein the number of awarded points is displayed on the user computer system and the displayed number of points is updated substantially concurrently with an award of additional points.
- 30
56. The system of claim 52 wherein the host computer system stores a table containing, for each feature for which points are awarded, a number of points associated with the feature.
- 35

57. The system of claim 53 further comprising a database server storing a database; the database storing point information relating to the user.
58. The system of claim 57 wherein
- 5 (a) the host computer system stores a table containing, for each feature for which points are awarded, a number of points associated with the feature;
- (b) the number of awarded points is displayed on the user computer system and the host computer system causes the displayed number of points to be updated substantially concurrently with an award of additional points; and
- 10 (c) the host computer system transmits the points awarded to the user to the database server.
59. The system of claim 58 wherein the points are transmitted to the database server asynchronously.
- 15 60. The system of claim 52 further comprising:
- a third-party computer system hosting a third-party service, wherein
- (i) the user computer system can be connected to the third-party computer system and access the third-party service; and
- 20 (ii) the host computer system awards points to the user for accessing features of the third-party service.
61. A method of entering a user of a user computer system in a sweepstakes comprising the steps of:
- 25 (a) connecting the user computer system to a host computer;
- (b) accessing a service on the host computer;
- (c) awarding points to the user for accessing features of the service; and
- (d) giving the user a number of entries in the sweepstakes based on the number of points the user has been awarded.
- 30 62. The method of claim 61 further comprising the step of:
- (e) automatically entering the user in the sweepstakes.
63. The method of claim 62 further comprising the step of:
- 35 (f) storing registration information pertaining to the user on the host computer.

64. The method of claim 61 further comprising the step of
(e) displaying the number of awarded points on the user computer system,
wherein the displayed number of points is updated substantially concurrently
with an award of additional points.
- 5
65. The method of claim 61 further comprising the step of
(e) storing on the host computer system a table containing, for each website
feature for which points are awarded, a number of points associated with the
feature.
- 10
66. The method of claim 61 further comprising the step of
(e) displaying the number of awarded points on the user computer system,
wherein the displayed number of points is updated substantially concurrently
with an award of additional points.
- 15
67. The method of claim 62 further comprising the step of
(f) storing a database on a database server, wherein the database stores point
information relating to the user.
- 20
68. The method of claim 67 further comprising the steps of:
(g) storing a table on the host computer system containing, for each feature for
which points are awarded, a number of points associated with the feature;
(h) displaying the number of awarded points on the user computer system,
wherein the host computer system causes the displayed number of points to
25 be updated substantially concurrently with an award of additional points; and
(i) transmitting the points awarded to the user from the host computer system to
the database server.
69. The method of claim 68 wherein the points are transmitted to the database server
30 asynchronously.
70. The method of claim 68 further comprising the steps of:
(j) connecting the user computer system to a third-party computer system;
(k) accessing a third-party service on the third-party computer system; and
35 (l) awarding points to the user for accessing features of the third-party service.

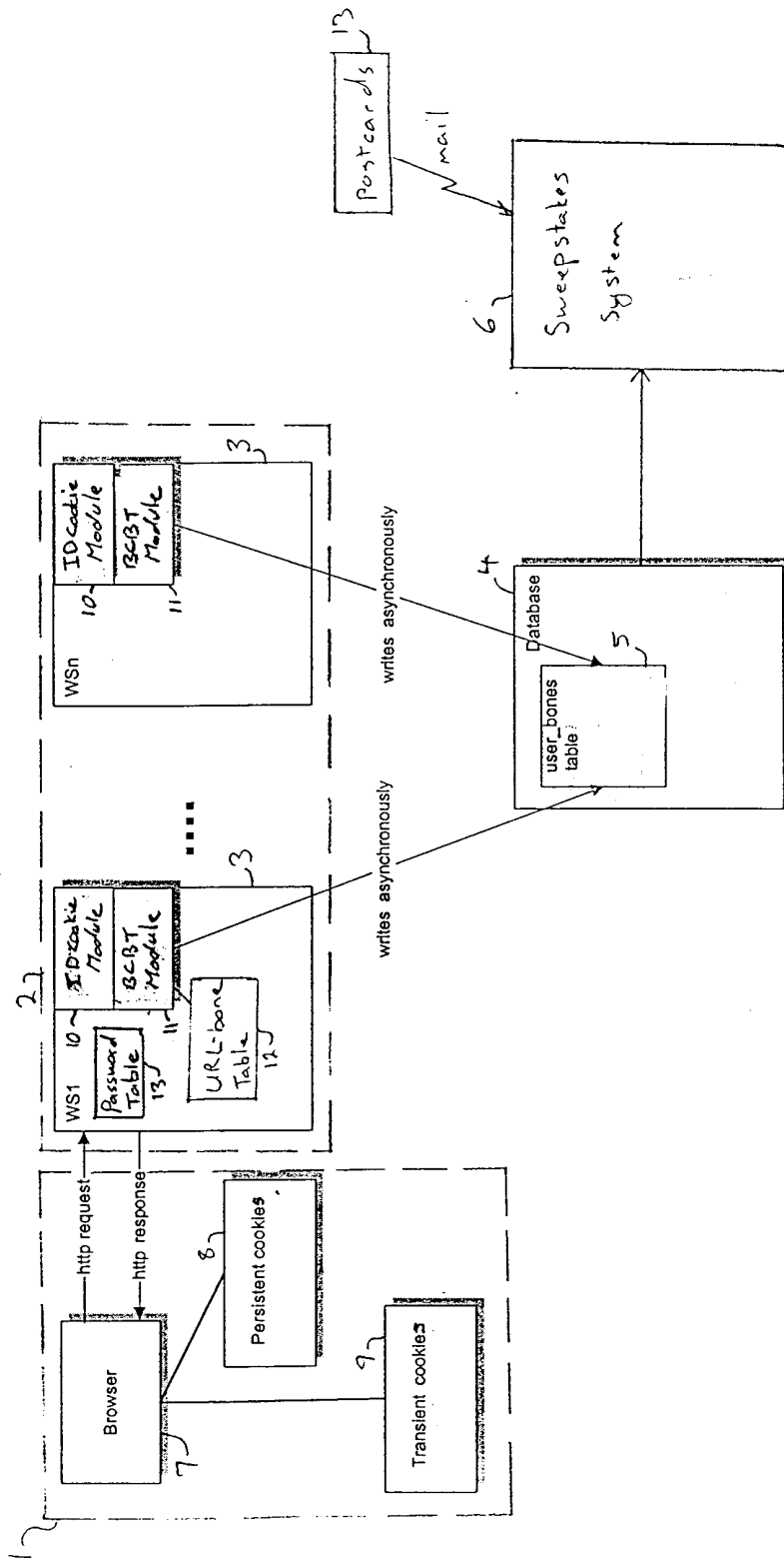


Fig 1

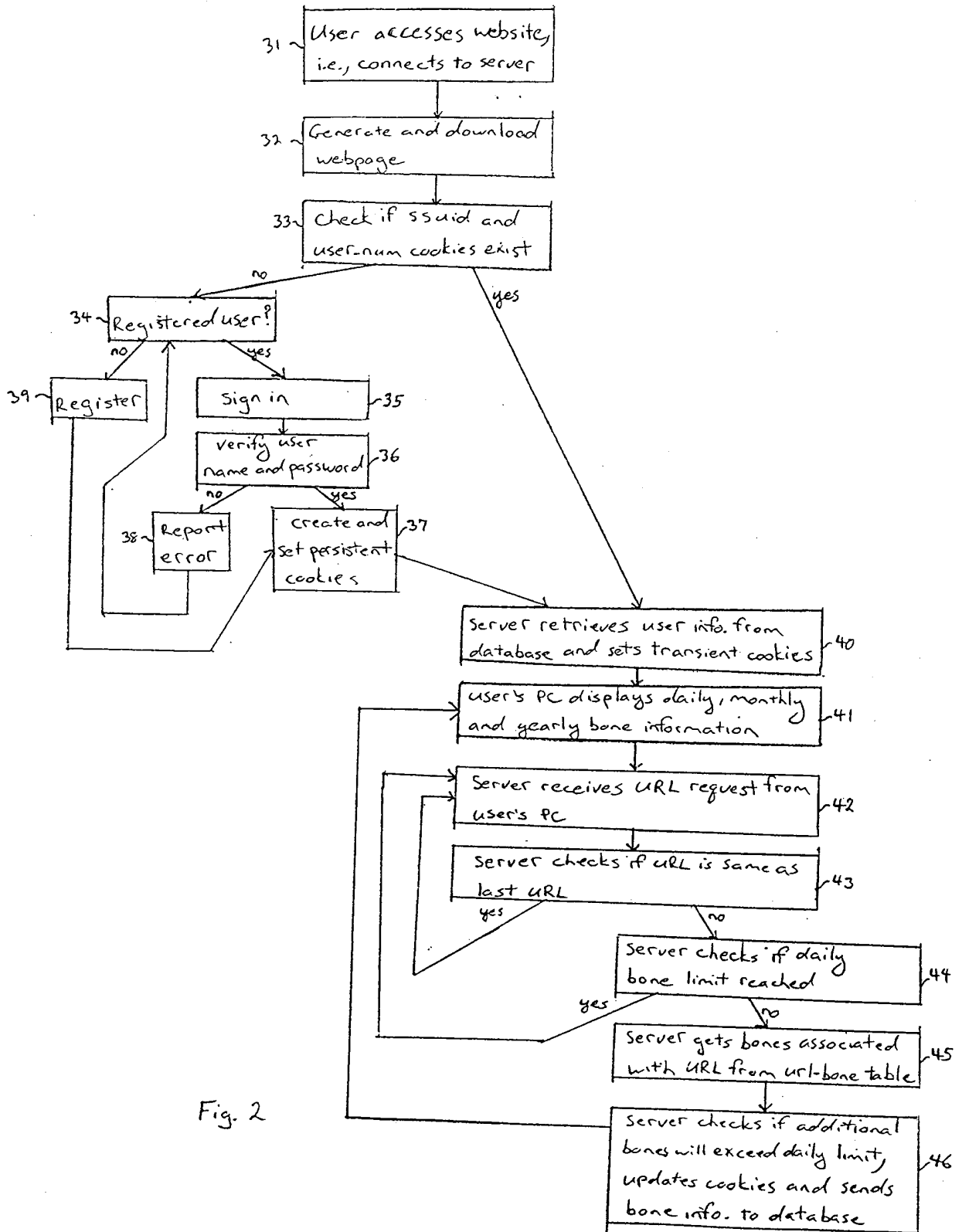


Fig. 2

71
72
73
70

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 - 1 > Baseball, Basketball, ...
- 3 > Travel
 - 1 > Air travel, Budget travel, ...
- 7 > Shopping
 - 4 > Apparel & jewelry, Automobiles, ...

IVON FEATURES

TODAY'S WINNER

Fig. 3

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US00/27396

A. CLASSIFICATION OF SUBJECT MATTER		
IPC(7) :G06F 17/60 US CL :705/10,14,26,27 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) U.S. : 705/10,14,26,27		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Extra Sheet.		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,774,870 A (STOREY) 30 June 1998, figure 1.	1-69
Y	FL Sportline USA: Sportline USA, Inc. Reports Fourth Quarter Financial Results. Business Editors. January 1999. page 3, first paragraph.	1-69
A	Is THE Internet a New Key to Retailing Success?. Jewelers' Circular-Keystone. September 1998. page 3, 8th paragraph.	1-69
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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Date of the actual completion of the international search 05 DECEMBER 2000	Date of mailing of the international search report 19 JAN 2001	
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230	Authorized officer <i>Peggy Hammel</i> JAMES TRAMMELL Telephone No. (703) 305-9768	

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US00/27396

B. FIELDS SEARCHED

Electronic data bases consulted (Name of data base and where practicable terms used):

STN,DIALOG

awards,points,coupons,incentives,internet,website.accessing,viewing