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IBM Docket No. FR920000041US1

11046 U.S. PTO
09/901442
07/09/01

**In the United States Patent and Trademark Office
Patent Application Transmittal**

Transmitted herewith for filing is the Patent Application of:

Inventors(s): Marc Lamberton, Eric Levy-Abegnoli, and Pascal Thubert
For: System and Method for Implementing a Robot Proof Web Site
Assignee Name: International Business Machines Corporation
Assignee Residence: Armonk, New York

Enclosed are

- 26 pages of specification, including 55 claims, plus 4 sheets of *formal* drawings.
X An assignment to International Business Machines Corporation, Armonk, New York 10504.
X A certified copy of a/an *European* application.
(#00480085.0 2201)
X Declaration and Power of Attorney.
PTO-1449 & references
X A return post card
Other:

Filing Fee Calculation (For Other Than Small Entity)

Basic Fee:						\$710.00
Claims Fees:		Filed	Limit	Extra		Rate per Extra
Total claims:		55	20	35		\$18.00
Independent claims		2	3	0		\$80.00
1	Multiple Dependent Claim Presented				\$270.00	\$270.00
Total						\$1,610.00

Please charge the Deposit Account identified below for the **Total** set forth above. The Commissioner is authorized to charge payment of any additional filing fees required under 37 CFR §1.16 and any patent application processing fees under 37 CFR §1.17 or to credit any overpayment to the identified account. A duplicate copy of this sheet is enclosed.

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Dianne Lane
Dianne Lane

BY: *Edward H. Duffield*
Edward H. Duffield
Attorney of Record Reg. No. 25,970
Date: July 9, 2001
Customer Number: 25259
Deposit Account Number: 09/0461
Telephone: 919-254-1301
Facsimile: 919-254-4330

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**SYSTEM AND METHOD FOR IMPLEMENTING
A ROBOT PROOF WEB SITE**

Field of the Invention

The present invention relates to the Internet and more particularly applies to those of the World Wide Web (WWW) sites that, while welcoming human beings, want to exclude robots from visiting and gathering information from them.

Background of the Invention

WWW robots, also called Web Wanderers, Web Crawlers or Web Spiders, and often just referred to as bots (bot is short for robot), are programs devised to automatically traverse the hypertext structure of the Web. Such bots, having retrieved a document, can also recursively retrieve all the linked pages referenced in the document. This is especially the case of numerous search engines and their robots which roam the World Wide Web finding and indexing content to add to their databases. Although most robots provide a valuable service, concern has developed amongst Web site administrators about exactly how much

of their precious server time and bandwidth is being used to service requests from these engines.

While the majority of robots are well designed, are professionally operated and cause no problems, there are occasions where robots visiting Web servers are not welcome because of the way robots behave. Some may swamp servers with rapid-fire requests, or retrieve the same files repeatedly. If done intentionally this is a form of Denial of Service (DoS) attack, although this is more often just the result of a poor or defective robot design. In other situations robots traverse parts of WWW servers that are not suitable for being searched e.g., contain duplicated or temporary information, include large documents or e.g., CGI scripts (CGI is a standard for running external programs from a World-Wide Web HTTP server). In this latter case and in similar situations, when accessed and executed, scripts tend to consume significant server resources in generating dynamic pages and thus, slow down the system.

In recognition of these problems many Web robots offer facilities for Web site administrators and content providers to limit what the robot is allowed to do. Two mechanisms are provided. One is referred to as the 'Robots Exclusion Protocol', even though it is not really an enforced protocol, but was a working draft document discussed as an Internet-Draft by the Internet Engineering Task Force (IETF) in 1996 under the title 'A Method for Web Robots Control'. According to this document, a Web site administrator can indicate which parts of the site should not be visited by a robot. This is accomplished by providing a specially formatted file, in <http://.../robots.txt>. The second

mechanism assumes that a Web author can indicate whether a page may or may not be indexed, or analyzed for links, through the use of a special Hyper Text Markup Language (HTML) META tag i.e., a 'Robots META tag'. However, both of these mechanisms rely on cooperation from the robots, and are not even guaranteed to work for every robot. Moreover, as already suggested here above relative to DoS attacks, some of these robots may not be so friendly. They could be run e.g., with the malicious intent of attacking a Web site (then, they just ignore the robots.txt file and the robots meta tags) so the site becomes overloaded and starts refusing to serve legitimate users i.e., the human beings trying to make normal use of the site.

Also, although the information made available on a site may not be confidential, an administrator may want to prevent the unlimited dissemination of it that would otherwise result from the indexing and referencing activities of all sorts of robots. The standard way of achieving this is to protect a Web site through some form of authentication, of which the more common method is to manage a list of registered users having a password so as they have to sign on upon accessing the site. The obvious drawback of this is that administrators must manage and update a closed list of users. This requires a registration step for a first consultation of a site and also assumes that users will remember their passwords in subsequent consultations. This may not be at all what the administrator wanted to achieve, and may even be counterproductive, since it will certainly discourage some individuals who are willing to browse a site to go further if they are requested to register.

Object of the Invention

Thus, it is a broad object of the invention to prevent Web site contents from being investigated by robots.

It is a further object of the invention to encourage human beings, attempting to access a robot protected Web site, to proceed further by not imposing a registration at first access and a log on procedure at each subsequent access.

It is still another object of the invention to avoid reliance on a robot's cooperation for barring the robot's access to contents of Web sites.

Further objects, features and advantages of the present invention will become apparent to the ones skilled in the art upon examination of the following description in reference to the accompanying drawings. It is intended that any additional advantages be incorporated herein.

Summary of the Invention

A method and a system for preventing robots from browsing a Web site beyond a welcome page are described. On receiving an initial request from an undefined originator, the Web site responds to the request with a welcome page including a challenge. Then, on receiving a further request from the undefined originator, the Web site can check whether the challenge is fulfilled or not. If fulfilled, the undefined originator is assumed to be a human being and the site keeps

processing the further request and all subsequent ones, if any. However, if the challenge is not fulfilled, the undefined originator is assumed to be a robot, in which case all requests from that originator are not further processed.

The invention prevents Web site contents from being investigated by robots without requiring end users to register or the site administrator to have to manage an access list of authorized users.

Brief Description of the Drawings

Figure 1 is an exemplary welcome page per the invention.

Figure 2 shows the corresponding HTML code.

Figure 3 shows the steps of the method of the invention.

Figure 4 shows the further steps of the method when access to a Web site per the invention is denied, while a timer is on, for requests carrying a logged IP address.

Figure 5 are other exemplary welcome pages with challenges.

Detailed Description of the Preferred Embodiment

Figure 1 illustrates the method according to the invention to prohibit robots from accessing a Web site beyond its welcome page. An exemplary welcome page as seen by an individual accessing a Web site e.g., at following URL [100] (Uniform Resource Locator) 'http://www.anysite.com/welcome.html' is shown. Accessing a Web site can be done with any available Web browser e.g., Netscape browser [110] from Netscape Communications Corporation, 501 E. Middlefield Road, Mountain View, CA 94043, USA can be used. Then, according to a first method to prohibit robot's access, the welcome page implements a dummy challenge that can be simply answered by a human being, but which a robot should certainly fail.

Among various possibilities, Figure 1 illustrates a typical challenge according to the invention. The welcome page thus shows an image [120] including, in this particular example, a few geometric forms that can be unambiguously referred to by a single word or expression in a language that the individual accessing the Web is assumed to be capable of reading. Then, associated with the image which, as depicted here, includes a square, a circle, a cross and a triangle, the reader is prompted [130] to click e.g., on the cross [121]. A human being, desiring to go on and visit the site, will do it naturally while a robot will do nothing, or will do it wrongly simply because it just does not

understand the graphic symbols or which of them may be a cross. Hence, this invention easily allows discrimination of a human being from a robot on the basis of their respective levels of abstract reasoning, which is naturally high, or very high, for a human being while a robot is totally lacking this capacity. This allows achievement of the objectives of the invention to prevent robots from browsing the site beyond the welcome page, while neither imposing to the people accessing it the burden of having to register and to log on, nor requiring the administrators of the site to manage a list of legitimate users.

To make the site even more resistant to browsing by a "smart" robot that could be tailored to adapt to a given challenge or set of predictable such challenges, prompting can be made random so that every time someone accesses the site, the challenge is different. For example, the cross can be moved to a different position on the image map so that the coordinates returned, when clicking on it, are different. Or, the prompting request can change in requesting e.g., to click on triangle instead.

Figure 2 shows the source HTML (Hyper Text Markup Language) code [140] for this example which uses a server side map i.e., ismap [142], included in an anchor tag created with the <a...> .. construct form [149] of the HTML language. Thus, when the user clicks on the cross [121], the browser sends a request back to the server URL (/cgi-bin/challenge.exe) [141] including the X and Y coordinates of the user's click contained in an ismap

[142] so that the server can check whether the click coordinates indeed match the cross position. The anchor tag also carries an identification field i.e., id=XD34F739 [143] which is useful to correlate the answer, including the click coordinates, with the current challenge when this latter changes from one user to another as explained above.

Figure 3 depicts the steps of the method according to the invention when an originator of an initial request to access a Web site is responded to with a challenge. Upon receiving this initial request, the [300] Web site server responds with the challenge [310]. This is done through the establishment of a TCP connection with the originator (the reliable transport protocol of the Internet TCP/IP suite of protocols used by the Web). The response is in the form of a Web page including a challenge e.g., of the kind discussed in Figure 1. Then, having gotten the server's response, the originator proceeds with a new transaction containing his click response directed towards the Web site [320]. On receiving the new transaction, the Web site server checks whether the challenge is fulfilled or not [330]. If the response matches the challenge prompt [340], then the site server assumes that the originator is a human being and permits further access. However, if the Web server finds that challenge is not properly answered, it must assume that the originator is a robot [350]. As a consequence, it stops processing all current and further requests, if any [351], which includes dropping the TCP connection or redirecting it to another site [352]. Also, the IP source address [361] may be remembered and a timer started [362] so that access to the site may be temporarily barred, from

that IP source address, as explained in Figure 4.

Figure 4 shows the case where the IP address of an assumed robot originator is remembered. Then, the server may be implemented to temporarily drop or redirect immediately all requests issued with this particular source IP address, because all subsequent access requests thereafter are assumed to come from a robot (although this might not always be true since a robot may be behind a proxy or firewall performing a network address translation of all the IP source addresses it has to forward). Because the IP source address of the request was logged and a timer started as explained in Figure 3, each time a new request is received [410] the server first checks for whether the same logged source IP address is found [420]. If not the same address, access may proceed normally [450]. If the address is the same, however, a timer is checked [430]. If the timer interval has elapsed, the logged IP address is reset [440] and new request is normally handled [450], i.e. a new challenge is issued. However, if timer has not elapsed, the TCP connection is dropped or redirected [460] before the server resumes handling of newly received requests [410].

Figure 5 illustrates other exemplary challenge examples that are easily answered by human beings.

Figure 5-a takes the form of a quiz [510] which could be made as simple as shown [500] or as sophisticated as necessary to defeat elaborated or "smart" robots or, alternatively, to adapt to a particular end-user population sharing a common type of skill.

Figure 5-b is another alternative that combines images [520]

and text [530] in an even more abstract way where the answer is suggested by the text, so it is even better adapted to discriminate a human being from a robot. However, it is worth mentioning here that such a challenge is culture-dependent and could serve as well to discriminate human beings on the basis of their social or ethnic origins.

Claims:

What is claimed is:

1. A method for preventing robots from browsing a Web site beyond a welcome page [110], said method in said Web site comprising the steps of:

receiving an initial request from an undefined originator and responding to said initial request [300] with a challenge [310] that prompts a response from said undefined originator; and receiving a response [320] from said undefined originator and checking [330] said response to determine whether said challenge is fulfilled; and

if said challenge is fulfilled:

processing any further requests; and

if said challenge is not fulfilled:

stopping processing of any further requests.

2. The method according to Claim 1 wherein said step of stopping processing of said further requests includes the further step of:

dropping or redirecting a TCP connection [352] established with said undefined originator.

3. The method according to Claim 1 further including the steps of:

logging a source IP address [361] of said undefined originator and

starting a timer [362].

4. The method according to Claim 2 further including the steps of:

logging a source IP address [361] of said undefined originator and

starting a timer [362].

5. The method according to Claim 2 further including steps upon receiving a new request [410] of:

checking [420] whether a source IP address of said new request matches said logged source IP address; and

if said source IP address matches said logged source IP address:

checking [430] whether said timer has expired and,

if said timer is expired,

resetting [40] said logged IP address; and

proceeding [450] normally with said new request; and

if said timer is not expired,

dropping or redirecting said TCP connection [460];

if said source IP address does not match said logged source IP address,

proceeding [450] normally with said new request and executing all the above steps with each newly received request [410].

6. The method according to Claim 4 further including steps upon receiving a new request [410] of:

checking [420] whether a source IP address of said new request matches said logged source IP address; and

if said source IP address matches said logged source IP address:

checking [430] whether said timer has expired and,

if said timer is expired,

resetting [40] said logged IP address; and

proceeding [450] normally with said new request; and

if said timer is not expired,

dropping or redirecting said TCP connection [460];

if said source IP address does not match said logged source
IP address,

proceeding [450] normally with said new request and
executing all the above steps with each newly received request
[410].

7. The method according to any one of Claims 1-6, wherein:

said challenge includes prompting said undefined originator
to perform a specific action [130].

8. The method according to any one of Claims 1-6 wherein:

said prompting is different at each subsequent access of
said web site.

9. The method according to Claim 7 wherein:

said prompting is different at each subsequent access of
said web site.

10. The method according to any one of the previous Claims

1-6 wherein:

said response includes making a choice among a plurality of prompted response options [120].

11. The method according to Claim 7 wherein:

said response includes making a choice among a plurality of prompted response options [120].

12. The method according to Claim 8 wherein:

said response includes making a choice among a plurality of prompted response options [120].

13. The method according to Claim 9 wherein:

said response includes making a choice among a plurality of prompted response options [120].

14. The method according to any one of the previous Claims 1-6, wherein said response includes an answer to a quiz [510].

15. The method according to Claim 7, wherein said response includes an answer to a quiz [510].

16. The method according to Claim 8, wherein said response includes an answer to a quiz [510].

17. The method according to Claim 9, wherein said response includes an answer to a quiz [510].

18. The method according to Claim 10, wherein said response includes an answer to a quiz [510].

19. The method according to Claim 11, wherein said response includes an answer to a quiz [510].

20. The method according to Claim 12, wherein said response includes an answer to a quiz [510].

21. The method according to Claim 13, wherein said response includes an answer to a quiz [510].

22. The method according to any one of the previous Claims 1-6, 9, 11-13, and 14-21, wherein said response is suggested by textual meaning [530].

23. The method according to Claim 7, wherein said response is suggested by textual meaning [530].

24. The method according to Claim 8, wherein said response is suggested by textual meaning [530].

25. The method according to Claim 10, wherein said response is suggested by textual meaning [530].

26. The method according to Claim 14, wherein said

response is suggested by textual meaning [530].

27. A computer process for preventing robots from browsing a web site beyond a welcome page, comprising computer-executable steps of:

receiving an initial request from an undefined originator and responding to said initial request [300] with a challenge [310] that prompts a response from said undefined originator; and receiving a response [320] from said undefined originator and checking [330] said response to determine whether said challenge is fulfilled; and

if said challenge is fulfilled:

processing any further requests; and

if said challenge is not fulfilled:

stopping processing of any further requests.

28. A computer process as claimed in Claim 27, further including computer-executable steps for:

dropping or redirecting a TCP connection [352] established with said undefined originator.

29. A computer process as claimed in Claim 27,

logging a source IP address [361] of said undefined originator and

starting a timer [362].

30. A computer process as claimed in Claim 28,

logging a source IP address [361] of said undefined originator and

starting a timer [362].

31. A computer process according to Claim 29, further including computer-executable steps for:

checking [420] whether a source IP address of said new request matches said logged source IP address; and

if said source IP address matches said logged source IP address:

checking [430] whether said timer has expired and,

if said timer is expired,

resetting [40] said logged IP address; and

proceeding [450] normally with said new request; and

if said timer is not expired,

dropping or redirecting said TCP connection [460];

if said source IP address does not match said logged source IP address,

proceeding [450] normally with said new request and executing all the above steps with each newly received request [410].

32. A computer process according to Claim 31, further including computer-executable steps for:

checking [420] whether a source IP address of said new request matches said logged source IP address; and

if said source IP address matches said logged source IP address:

checking [430] whether said timer has expired and,

if said timer is expired,

resetting [40] said logged IP address; and

proceeding [450] normally with said new request; and

if said timer is not expired,

dropping or redirecting said TCP connection [460];

if said source IP address does not match said logged source

IP address,

proceeding [450] normally with said new request and executing all the above steps with each newly received request [410].

33. A computer process according to any one of claims 28-32, further including computer-executable steps for:

prompting said undefined originator to perform a specific action.

34. A computer process according to any one of Claims 28-32, further including computer-executable steps for:

changing said prompting at each access of said website.

35. A compute rprocess according to Claim 33, further including computer-executable steps for:

checking [420] whether a source IP address of said new request matches said logged source IP address; and

if said source IP address matches said logged source IP address:

checking [430] whether said timer has expired and,

if said timer is expired,

resetting [40] said logged IP address; and

proceeding [450] normally with said new request; and

if said timer is not expired,

dropping or redirecting said TCP connection [460];

if said source IP address does not match said logged source IP address,

proceeding [450] normally with said new request and executing all the above steps with each newly received request [410].

36. A computer process according to any one of Claims 28-32, further including computer-executable steps for:

prompting said undefined originator to make a response chosen from among a plurality of prompted response options.

37. A computer process according to Claim 33, further including computer-executable steps for:

prompting said undefined originator to make a response chosen from among a plurality of prompted response options.

38. A computer process according to Claim 34, further including computer-executable steps for:

prompting said undefined originator to make a response chosen from among a plurality of prompted response options.

39. A computer process according to Claim 35, further including computer-executable steps for:

prompting said undefined originator to make a response chosen from among a plurality of prompted response options.

40. A computer process according to any one of Claims 28-32, further including computer-executable steps for:

prompting said undefined originator to make a response that is an answer to a quiz.

41. A computer process according to Claim 33, further including computer-executable steps for:

prompting said undefined originator to make a response that is an answer to a quiz.

42. A computer process according to Claim 34, further including computer-executable steps for:

prompting said undefined originator to make a response that is an answer to a quiz.

43. A computer process according to Claim 35, further including computer-executable steps for:

prompting said undefined originator to make a response that is an answer to a quiz.

44. A computer process according to Claim 36, further including computer-executable steps for:

prompting said undefined originator to make a response that is an answer to a quiz.

45. A computer process according to Claim 37, further including computer-executable steps for:

prompting said undefined originator to make a response that is an answer to a quiz.

46. A computer process according to Claim 38, further including computer-executable steps for:

prompting said undefined originator to make a response that is an answer to a quiz.

47. A computer process according to Claim 39, further including computer-executable steps for:

prompting said undefined originator to make a response that is an answer to a quiz.

48. A computer process according to any one of Claims 28-32, further including computer-executable steps for:

prompting said undefined originator to make a response based upon the knowledge content of said prompt.

49. A computer process according to Claim 33, further including computer-executable steps for:

prompting said undefined originator to make a response based upon the knowledge content of said prompt.

50. A computer process according to Claim 34, further including computer-executable steps for:

prompting said undefined originator to make a response based upon the knowledge content of said prompt.

51. A computer process according to Claim 35, further including computer executable steps for:

prompting said undefined originator to make a response based upon the knowledge content of said prompt.

52. A computer process according to Claim 36, further including computer executable steps for:

prompting said undefined originator to make a response based upon the knowledge content of said prompt.

53. A computer process according to Claim 37, further including computer executable steps for:

prompting said undefined originator to make a response based upon the knowledge content of said prompt.

54. A computer process according to Claim 38, further including computer executable steps for:

prompting said undefined originator to make a response based upon the knowledge content of said prompt.

55. A computer process according to Claim 39, further including computer executable steps for:

prompting said undefined originator to make a response based upon the knowledge content of said prompt.

SYSTEM AND METHOD FOR IMPLEMENTING
A ROBOT PROOF WEB SITE

Abstract

The invention prevents robots from browsing a Web site beyond a welcome page. When an initial request from an undefined originator is received, the Web site responds to it with a welcome page including a challenge. Then, on receiving a further request from the undefined originator, the Web site can check whether the challenge is fulfilled or not. If fulfilled, the undefined originator is assumed to be a human being and authorized to go on. If the challenge is not fulfilled, the undefined originator is assumed to be a robot, in which case site access is further denied.

The invention prevents Web site contents from being investigated by robots while not requiring users to have to log on.

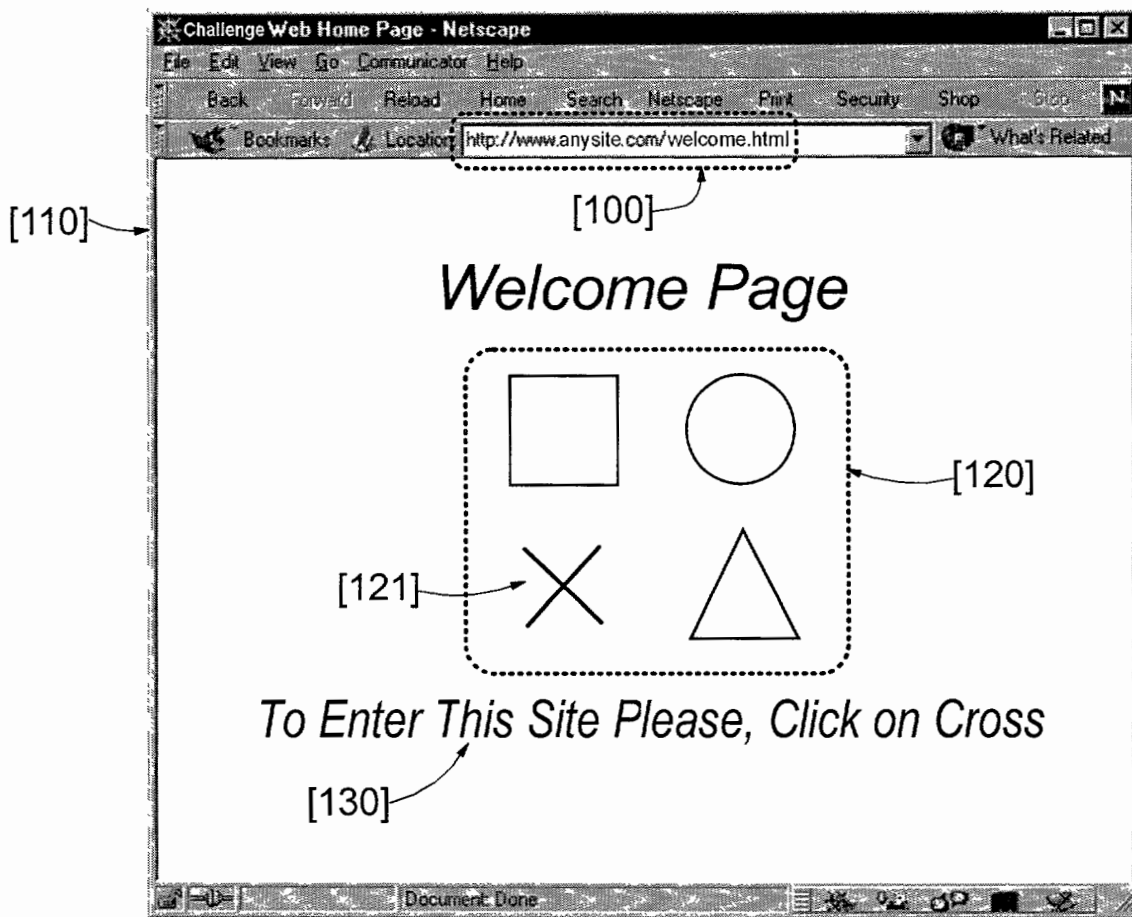


Figure 1

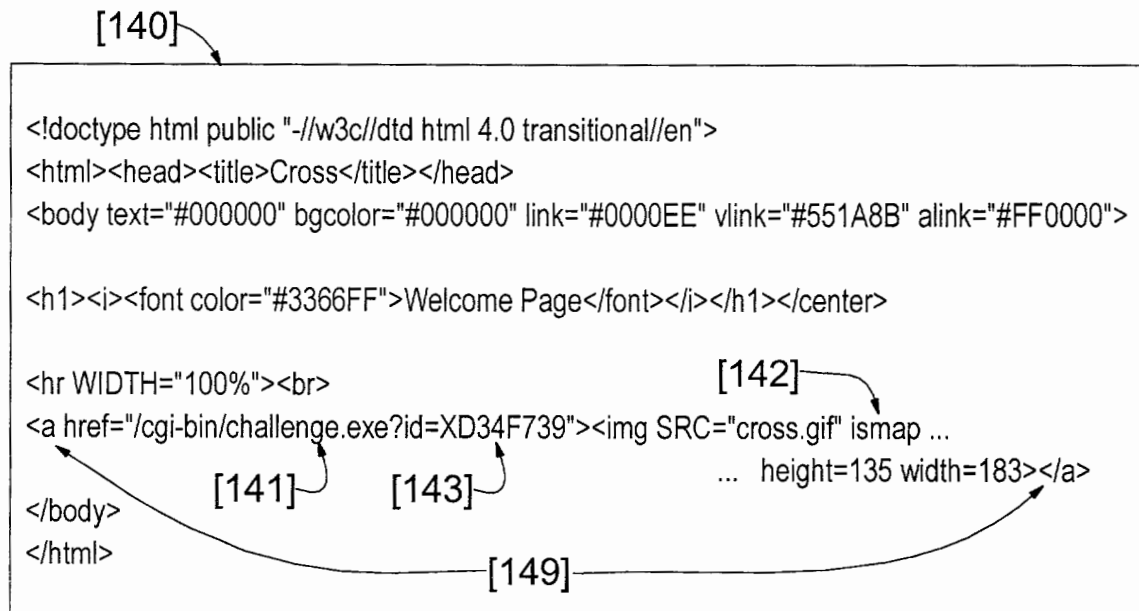


Figure 2

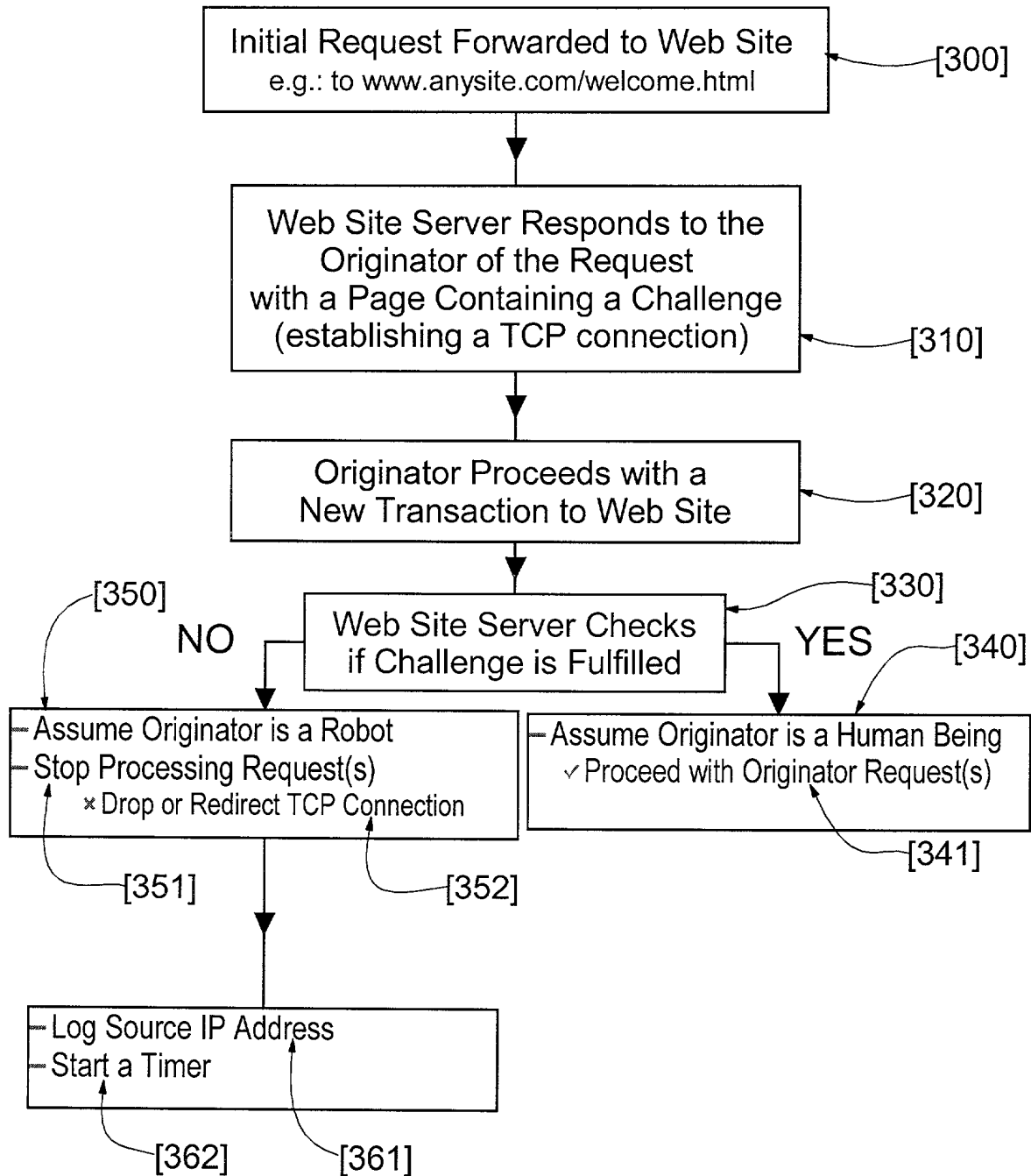


Figure 3

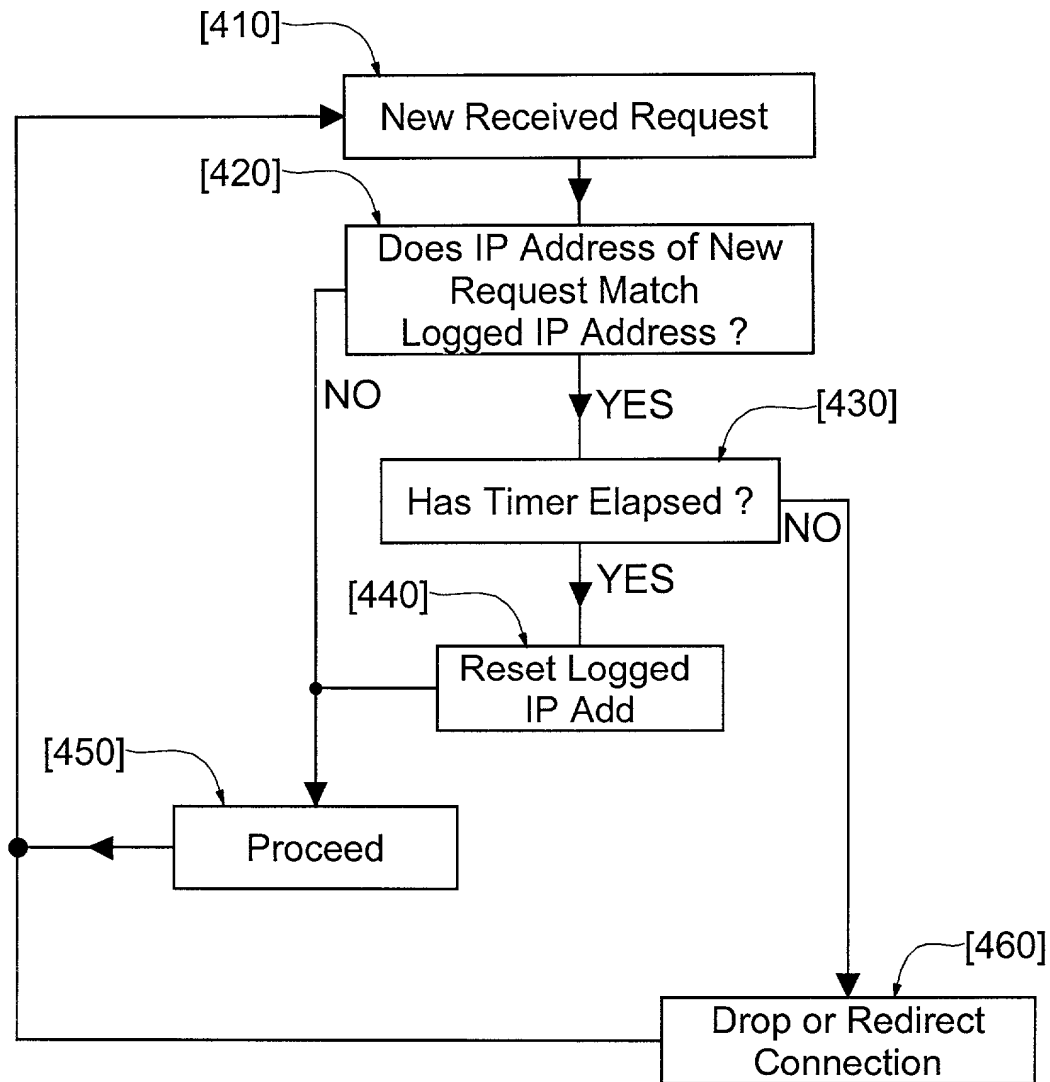
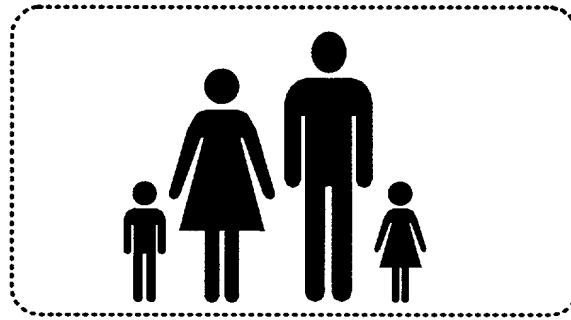


Figure 4

Welcome Page



[500]

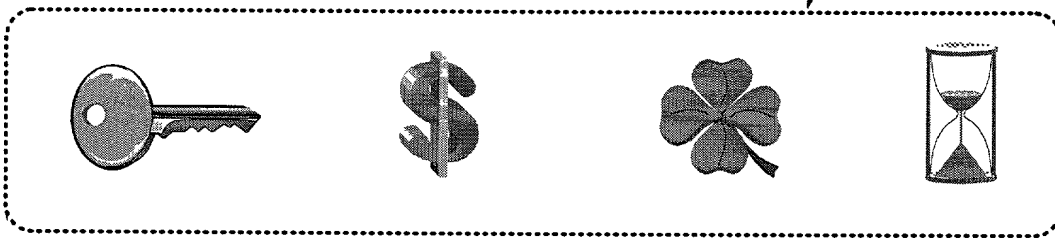
To Go Further Please, Tell us Who is the Tallest ?

[510]

Figure 5-a

Welcome Page

[520]



To Enter this Site a Key is not Necessary, Money will not Let you IN, Waiting will not Help, All you Really Need is Luck !

[530]

Figure 5-b

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

System and Method for Implementing a Robot Proof Web Site

the specification of which is identified by the attorney (IBM) Docket Number appearing above.

I hereby state that I have reviewed and understand the contents of the above- identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

<u>Number</u>	<u>Country</u>	<u>Day/Month/Year</u>	<u>Priority Claimed</u>
00480085.0 2201	Europe	12/Sept./2000	Yes

I hereby claim the benefit (a) under Title 35, United States Code, §119(e) of any U.S. application listed below and identified as a provisional application or (b) under Title 35, United States Code, §120 of any U.S. application listed below and not identified as a provisional application, and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior U.S. application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application

Prior U.S. Applications

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

IBM Docket No. FR92000004IUS1

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Bruce A. Clay, Reg. No. 32,121; Gregory M. Doudnikoff, Reg. No. 32,847; Edward H. Duffield, Reg. No. 25,970; Jerry W. Herndon, Reg. No. 27,901; Gerald R. Woods, Reg. No. 24,144; Jeanine S. Ray-Yarletts, Reg. No. 39,808; Joseph C. Redmond, Jr., Reg. No. 18,753; John E. Hoel, Reg. No. 26,279; Christopher A. Hughes, Reg. No. 26,914; and Edward A. Pennington, Reg. No. 32,588;

AND also,

Send all correspondence to: Edward H. Duffield, IBM Corporation T81/503; PO Box 12195; Research Triangle Park, NC 27709.

First Inventor: Marc Lamberton

Signature:

Marc Lamberton

11 May 2001

Date

Residence: 981 Route de t Jean, 06600 Antibes - France

Citizenship: French

Post Office Address: same as residence

Second Inventor: Eric Levy-Abegnoli

Signature:

Eric Levy-Abegnoli

8 June 2001

Date

Residence: 67 Ancien Chemin de la Lanterne, 06200 Nice - France

Citizenship: French

Post Office Address: same as residence

Third Inventor: Pascal Thubert

Signature:

Pascal Thubert

11 May 2001

Date

Residence: Les Jardins d'Elise, 60 Avenue des Poilus, 06140 Vence - France

Citizenship: French

Post Office Address: same as residence



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Bib Data Sheet

CONFIRMATION NO. 2021

SERIAL NUMBER 09/901,442	FILING DATE 07/09/2001 RULE	CLASS 713	GROUP ART UNIT 2131	ATTORNEY DOCKET NO. FR920000041US1	
APPLICANTS Marc Lamberton, Antibes, FRANCE; Eric Levy-Abegnoli, Nice, FRANCE; Pascal Thubert, Vence, FRANCE;					
** CONTINUING DATA *****					
** FOREIGN APPLICATIONS ***** EUROPEAN PATENT OFFICE (EPO) 00480085.0 2201 09/12/2000					
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 08/23/2001					
Foreign Priority claimed ☐ yes ☐ no 35 USC 119 (a-d) conditions met ☐ yes ☐ no ☐ Met after Allowance		STATE OR COUNTRY FRANCE	SHEETS DRAWING 4	TOTAL CLAIMS 55	INDEPENDENT CLAIMS 2
Verified and Acknowledged _____ Examiner's Signature _____ Initials _____					
ADDRESS Edward H. Duffield IBM Corporation T81/503 PO Box 12195 Research Triangle Park ,NC 27709					
TITLE System and method for implementing a robot proof Web site					
FILING FEE RECEIVED 4976	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit		

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

07/13/2001 VTRUONG1 00000056 090461 09901442

01 FC:101	710.00 CH
02 FC:103	3546.00 CH
03 FC:104	270.00 CH

07/17/2001 VTRUONG1 00000002 090461 09901442

01 FC:103	450.00 CH
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PTO-1556
(5/87)

*U.S. GPO: 1999-459-082/19144

DataDome Ex. 1002, p. 36
DataDome v. Arkose Labs
IPR2025-00693

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2000

Application or Docket Number

Fr 2 0000041 US1

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

TOTAL CLAIMS	55 ~~212~~	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	242 minus 20 =	* 222
INDEPENDENT CLAIMS	2 minus 3 =	* 0
MULTIPLE DEPENDENT CLAIM PRESENT ☐		

SMALL ENTITY
TYPE ☐

OR

OTHER THAN
SMALL ENTITY

RATE	FEE		RATE	FEE
BASIC FEE	355.00	OR	BASIC FEE	710.00
X\$ 9=		OR	X\$18=	3,996
X40=		OR	X80=	
+135=		OR	+270=	270
TOTAL		OR	TOTAL	4,996

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

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	*	Minus	**
	Independent	*	Minus	***
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM ☐			

SMALL ENTITY

OR

OTHER THAN
SMALL ENTITY

RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
X\$ 9=		OR	X\$18=	
X40=		OR	X80=	
+135=		OR	+270=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

(Column 1) (Column 2) (Column 3)

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	*	Minus	**
	Independent	*	Minus	***
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM ☐			

RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
X\$ 9=		OR	X\$18=	
X40=		OR	X80=	
+135=		OR	+270=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

(Column 1) (Column 2) (Column 3)

AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	*	Minus	**
	Independent	*	Minus	***
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM ☐			

RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
X\$ 9=		OR	X\$18=	
X40=		OR	X80=	
+135=		OR	+270=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

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

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

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

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate column of the application, see MPEP 1002, p. 37

DataDome v. Arkose Labs

CLAIMS ONLY

SERIAL NO.

09901442

FILING DATE

07/09/01

APPLICANT(S)

CLAIMS

	AS FILED		AFTER 1st AMENDMENT		AFTER 2nd AMENDMENT			*		*		*	
	IND.	DEP.	IND.	DEP.	IND.	DEP.		IND.	DEP.	IND.	DEP.	IND.	DEP.
1	1						51		5				
2		1					52		5				
3		1					53		5				
4		1					54		5				
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49		5					99						
50		5					100						
TOTAL IND.	1						TOTAL IND.	2					
TOTAL DEP.		75					TOTAL DEP.		240				
TOTAL CLAIMS	1	75					TOTAL CLAIMS	242	240				

* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS



P.B.5818 - Patentlaan 2
2280 HV Rijswijk (ZH)
☎ +31 70 340 2040
TX 31651 epo nl
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Etorre, Yves Nicolas
Compagnie IBM France,
Département Propriété Intellectuelle
06610 La Gaude
FR

IBM
FRANCE INTELLECTUAL PROPERTY DEPT

01 FEV. 2001

ACTION

Datum/Date

24/01/01

J1046 U.S. PTO
09/901442



IBM LGE 32

Zeichen/Ref./Réf. FR920000041/RJG	Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°. 00480085.0 2201
Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire International Business Machines Corporation	

Übersendung von/Transmission of/Envoi de

Antrag vom/Request dated/Requête du 17/01/01

- ☐ Kopien bei Akteneinsicht nach Regel 94(3) EPÜ
Copies in the case of inspection of files pursuant to Rule 94(3) EPC
Copies en cas d'inspection publique selon la règle 94(3) CBE
- ☐ Beglaubigung
Certification
Certification
- ☒ 3 Prioritätsbeleg(e)/priority document(s)/document(s) de priorité R. 94(4)
- ☐ Ausfertigung(en) der Patenturkunde nach Regel 54(2) EPÜ
Duplicate of the patent certificate pursuant to Rule 54(2) EPC
Duplicata du certificat de brevet, selon la Règle 54(2) CBE
- ☐ Auszug aus dem Register nach Regel 92(3) EPÜ
Extract from the register pursuant to Rule 92(3) EPC
Extrait du registre selon la Règle 92(3) CBE
- ☐ Auskunft aus den Akten nach Regel 95 EPÜ
Communication of information contained in the files pursuant to Rule 95 EPC
Communication d'informations contenues dans la dossier selon la Règle 95 CBE
- ☐ Akteneinsicht nach Regel 94(2) EPÜ
Inspection of files pursuant to Rule 94(2) EPC
Inspection publique selon la Règle 94(2) CBE

IBM LGE 32

DataDome Ex. 1002, p. 39

DataDome v. Arkose Labs

IPR2025-00693

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**Europäisches
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Bescheinigung

Certificate

Attestation

Die angehefteten Unterla-
gen stimmen mit der
ursprünglich eingereichten
Fassung der auf dem näch-
sten Blatt bezeichneten
europäischen Patentanmel-
dung überein.

The attached documents
are exact copies of the
European patent application
described on the following
page, as originally filed.

Les documents fixés à
cette attestation sont
conformes à la version
initialement déposée de
la demande de brevet
européen spécifiée à la
page suivante.

Patentanmeldung Nr. Patent application No. Demande de brevet n°

00480085.0

Der Präsident des Europäischen Patentamts;
Im Auftrag

For the President of the European Patent Office

Le Président de l'Office européen des brevets
p.o.

I.L.C. HATTEN-HECKMAN

DEN HAAG, DEN
THE HAGUE, 24/01/01
LA HAYE, LE

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Blatt 2 der Bescheinigung
Sheet 2 of the certificate
Page 2 de l'attestation

Anmeldung Nr.:
Application no.:
Demande n°: 00480085.0

Anmeldetag:
Date of filing: 12/09/00
Date de dépôt:

Anmelder:
Applicant(s):
Demandeur(s):
International Business Machines Corporation
Armonk, N.Y. 10504
UNITED STATES OF AMERICA

Bezeichnung der Erfindung:
Title of the invention:
Titre de l'invention:
System and method for implementing a robot proof web site

In Anspruch genommene Priorität(en) / Priority(ies) claimed / Priorité(s) revendiquée(s)

Staat:	Tag:	Aktenzeichen:
State:	Date:	File no.
Pays:	Date:	Numéro de dépôt:

Internationale Patentklassifikation:
International Patent classification:
Classification internationale des brevets:

/

Am Anmeldetag benannte Vertragsstaaten:
Contracting states designated at date of filing: AT/BE/CH/CY/DE/DK/ES/FI/FR/GB/GR/IE/IT/LI/LU/MC/NL/PT/SE/UK
Etats contractants désignés lors du dépôt:

Bemerkungen:
Remarks:
Remarques:

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SYSTEM AND METHOD FOR IMPLEMENTING A ROBOT PROOF WEB SITE

Field of the Invention

The present invention relates to the Internet and more particularly applies to those of the World Wide Web (WWW) sites that, while welcoming human beings, want to exclude robots from visiting and gathering information from them.

Background of the Invention

WWW robots, also called Web Wanderers, Web Crawlers or Web Spiders and often just referred to as bots (bot is short for robot), are programs devised to automatically traverse the hypertext structure of the Web thus, having retrieved a document, can recursively retrieved all the linked pages.

DataDome Ex. 1002, p. 45

DataDome v. Arkose Labs

IPR2025-00693

Especially, this is the case of the numerous search engines and their robots which roam the World Wide Web finding and indexing content to add to their databases. Although most robots provide a valuable service this has developed a certain amount of concern amongst Web site administrators about exactly how much of their precious server time and bandwidth is being used to service requests from these engines. If the majority of robots are well designed, are professionally operated and cause no problems, there are occasions where robots visiting Web servers are not welcome. Sometimes because of the way robots behave. Some may swamp servers with rapid-fire requests, or retrieve the same files repeatedly. If done intentionally this is a form of Denial of Service (DoS) attack although this is more often just the result of a poor or defective robot design. In other situations robots traverse parts of WWW servers that are not suitable for being searched e.g., contain duplicated or temporary information, include large documents or e.g., CGI scripts (CGI is a standard for running external programs from a World-Wide Web HTTP server). In this latter case and in similar situations, when accessed and executed, scripts tend to consume significant server resources in generating dynamic pages thus, slow down the system. In recognition of these problems many Web robots offer facilities for Web site administrators and content providers to limit what the robot is allowed to do. Two mechanisms are provided. One is referred to as the 'Robots Exclusion Protocol' even though it is not really an enforced protocol but was a working document discussed as an Internet-Draft by the Internet Engineering Task Force (IETF) in 1996 under the title 'A Method for Web Robots Control'. According to this document a Web site administrator can indicate which parts of the site should not be visited by a robot, by providing a specially formatted file, in <http://.../robots.txt>. The other mechanism assumes that a Web author can indicate if a page may or may not be indexed, or analyzed for links, through the use of a special Hyper Text Markup Language (HTML) META tag i.e., a 'Robots META tag'. However, these mechanisms rely on cooperation from the

robots, and are not even guaranteed to work for every robot. Moreover, as already suggested here above (DoS), some of these robots may not be so friendly. They could be run e.g., with the malicious intent of attacking a Web site (then, they just ignore the robots.txt file and the robots meta tags) so as it becomes overloaded and start refusing to serve legitimate users i.e., the human beings trying to use normally the site. Also, although the information made available on a site may not be confidential, an administrator may want to prevent an unlimited dissemination of it that would otherwise result of its indexing and referencing by all sorts of robots. The standard way of achieving this is to protect a Web site through some form of authentication of which the more common method is to manage a list of registered users having a password so as they have to sign on upon accessing the site. The obvious drawback of this is that administrators must manage and update a closed list of users thus, requiring a registration step for a first consultation of a site also, assuming that users remember passwords in subsequent consultations. This may not be at all what administrator wanted to achieve in a first place and may even be counterproductive since it will certainly discouraged some individuals, willing to browse a site, to go further if they are requested to register.

Object of the Invention

Thus, it is a broad object of the invention to prevent Web site contents from being investigated by robots.

It is a further object of the invention of not discouraging human beings, attempting to access a robot protected Web site, to proceed by imposing a registration at first access and a log on procedure at each subsequent access.

It is still another object of the invention not to rely on robots cooperation for barring them access to contents of Web sites.

Further objects, features and advantages of the present invention will become apparent to the ones skilled in the art upon examination of the following description in reference to the accompanying drawings. It is intended that any additional advantages be incorporated herein.

Summary of the Invention

A method and a system for preventing robots from browsing a Web site beyond a welcome page are described. On receiving an initial request from an undefined originator Web site responds to it with a welcome page including a challenge. Then, on receiving a further request from the undefined originator Web site can check whether the challenge is fulfilled or not. If fulfilled the undefined originator is assumed to be a human being and site keeps processing the further request and all subsequent ones if any. However, if challenge is not fulfilled the undefined originator is assumed to be a robot in which case all requests from that originator are not further processed.

The invention prevents Web site contents from being investigated by robots without requiring end users to register and site administrator to have to manage an access list of authorized users.

Brief Description of the Drawings

- Figure 1** is an exemplary welcome page per the invention.
- Figure 2** shows the corresponding HTML code.
- Figure 3** shows the steps of the method of the invention.
- Figure 4** shows the further steps of the method when access to a Web site per the invention is denied, while a timer is on, for requests carrying a logged IP address.
- Figure 5** are other exemplary welcome pages with challenges.

Detailed Description of the Preferred Embodiment

Figure 1 illustrates the method according to the invention to prohibit robots from accessing a Web site beyond its welcome page. An exemplary welcome page as seen by an individual accessing a Web site e.g., at following URL [100] (Uniform Resource Locator) 'http://www.anysite.com/welcome.html' is shown. Accessing to a Web site can be done with any available Web browser e.g., Netscape browser [110] from Netscape Communications Corporation, 501 E. Middlefield Road, Mountain View, CA 94043, the USA can be used. Then, according to this first method to prohibit robots, welcome page implements a dummy challenge that can simply be taken up by a human being while a robot should certainly fail it. Among various possibilities Figure 1 illustrates a typical challenge according to the invention. Welcome page thus shows an image [120] including, in this particular example, a few geometric forms that can be, unambiguously, referred to by a single word or expression in a language that the individual accessing the Web is assumed to be capable of reading. Then, associated to the image here including a square, a circle, a cross and a triangle, whoever is looking is prompted [130] to click e.g., on the cross [121]. A human being, desiring to go on and visit the site, will do it naturally while a robot will do nothing, or will do it wrongly simply because it just does not know what is a cross. Hence, this easily allows to discriminate a human being from a robot on the basis of their respective level of abstraction which is naturally high or very high for a human being while a robot is totally lacking this capacity. This allows to achieve the objectives of the invention which wants to prevent robots from browsing the site beyond the welcome page while neither imposing to the people accessing it the burden of having to register and to log on, nor requiring from the administrators of the site to have to manage a list of legitimate users.

To make the site even more resistant to browsing by a robot, that could be tailored to adapt to a given challenge or

set of predictable such challenges, prompting can be made random so every time somebody comes in, the challenge is somehow different. For example, the cross can be moved to a different position on the image map so that the coordinates returned, when clicking on it, are different. Or, the prompting can change in requesting e.g., to click on triangle instead.

Figure 2 shows the source HTML (Hyper Text Markup Language) code [140] for this example which uses a server side map i.e., ismap [142], included in an anchor tag created with the <A.> .. construct form [149] of the HTML language. Thus, when the user clicks on the cross [121], browser sends a request back to the server URL (/cgi-bin/challenge.exe) [141] including the X and Y coordinates of the click contained in ismap [142] so that the server can check that the click coordinates indeed matches the cross position. Anchor tag also carries an identification field i.e., id=XD34F739 [143] which is useful to correlate the answer, including the click coordinates, with the current challenge when this latter changes from one user to another as explained here above.

Figure 3 depicts the steps of the method according to the invention when originator of an initial request to a Web site is responded with a challenge. Upon receiving this initial request [300] Web site server responds [310]. This is done through the establishment of a TCP connection with the originator (the reliable transport protocol of the Internet TCP/IP suite of protocols used by the Web). Response is in the form of a Web page including a challenge e.g., of the kind discussed in Figure 1. Then, having got server response, originator proceeds with a new transaction towards the Web site [320]. On receiving the new transaction Web site server checks if challenge is fulfilled [330]. If it is indeed the case [340] then, it assumes that originator is a human being and let it go. However, if Web server finds that challenge is not properly answered then, it must assume originator is a

robot [350]. As a consequence, it stops processing current and further requests if any [351], which includes dropping the TCP connection or redirecting it to another site [352]. Also, the IP source address [361] may be remembered and a timer started [362] so that the access to the site may be temporarily barred, from that IP source address, as explained in Figure 4.

Figure 4 shows the case where the IP address of the originator is remembered when a robot is assumed. Then, one may decide, for a while, to drop or redirect immediately all requests issued with this particular source IP address, and all assumed to come from a robot (although this might not always be true since a robot may be behind a proxy or firewall performing a network address translation of all the IP source addresses it has to forward). Because IP source address of the request was logged and a timer started as explained in Figure 3, each time a new request is received [410] one first checks if the same source IP address is found [420]. If not, one may proceed normally [450]. If yes, timer is checked [430]. If it has elapsed, the logged IP address is reset [440] and new request is normally handled [450]. However, if timer has not elapsed, TCP connection is dropped or redirected [460] before resuming to a new received request [410].

Figure 5 are other challenge examples that are easily answered by human being.

Figure 5-a takes the form of a quiz [510] which could be made as simple as shown [500] or as sophisticated as necessary to defeat elaborated robots or, alternatively, to adapt to a particular end-user population sharing a same type of skill.

Figure 5-b is another alternative combining images [520] and text [530] in an even more abstract way where the answer is suggested so is even better adapted to discriminate a human being from a robot. However, it is worth mentioning here that such a challenge is culture dependent and could serve as well to discriminate human beings on the basis of their social or ethnic origins.

Claims:

What is claimed is:

1. A method for preventing robots from browsing a Web site beyond a welcome page [110], said method in said Web site comprising the steps of:

on receiving an initial request from an undefined originator:

responding to said initial request [300] with a said welcome page including a challenge [310];

on receiving a further request [320] from said undefined originator:

checking [330] whether said challenge is fulfilled or not;

if fulfilled:

assuming that said undefined originator is a human being [340];

keep processing said further request and subsequent ones if any [341];

if not:

assuming that said undefined originator is a robot [350];

stop processing said further request and subsequent ones if any [351].

2. The method according to claim 1 further including the steps of:

logging a source IP address [361] of said undefined originator

starting a timer [362].

3. The method according to any one of the previous claims wherein said step of stop processing said further request includes the further step of:

dropping or redirecting a TCP connection [352] established with said undefined originator.

4. The method according to any one of the previous claims further including, whenever receiving a new request [410], the steps of:

checking [420] whether a source IP address of said new request is matching said logged source IP address or not;

if matching:

checking [430] whether said timer has expired or not:

if expired:

resetting [440] said logged IP address; and

proceeding [450] normally with said new request;

if not expired:

dropping or redirecting said TCP connection [460];

if not matching:

proceeding [450] normally with said new request;

keep executing all here above steps with every new received request [410].

5. The method according to any one of the previous claims wherein said challenge includes prompting said undefined originator to perform a specific action [130].

6. The method according to any one of the previous claims wherein said prompting is different at each subsequent access of said Web site.

7. The method according to any one of the previous claims wherein said action includes having to make a choice among a plurality of options [120].

8. The method according to any one of the previous claims wherein said action calls for responding to a quiz [510].

9. The method according to any one of the previous claims wherein said action is suggested [530].

10. A system, in particular a Web site implementing a challenge access, comprising means adapted for carrying out the method according to any one of the previous claims.

11. A computer-like readable medium comprising instructions for carrying out the method according to any one of the claims 1 to 9.

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**SYSTEM AND METHOD FOR IMPLEMENTING
A ROBOT PROOF WEB SITE**

Abstract

The invention allows to prevent robots from browsing a Web site beyond a welcome page. When an initial request from an undefined originator is received Web site responds to it with a welcome page including a challenge. Then, on receiving a further request from the undefined originator Web site can check whether the challenge is fulfilled or not. If fulfilled the undefined originator is assumed to be a human being thus, is authorized to go on. If challenge is not however fulfilled the undefined originator is assumed to be a robot in which case site access is further denied.

The invention prevents Web site contents from being investigated by robots while not requiring users to have to log on.

Figure 1.

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FR 9 2000 0041
LAMBERTON et al.
1/4

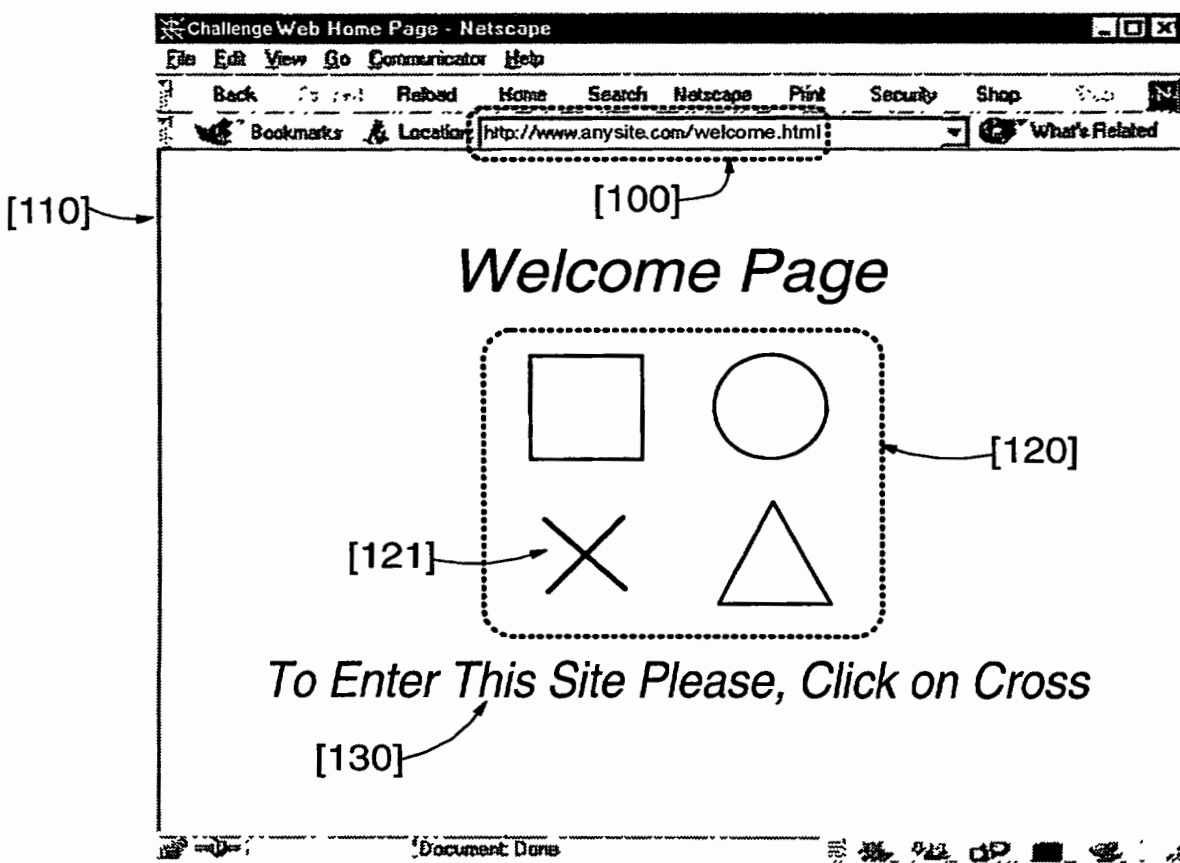


Figure 1

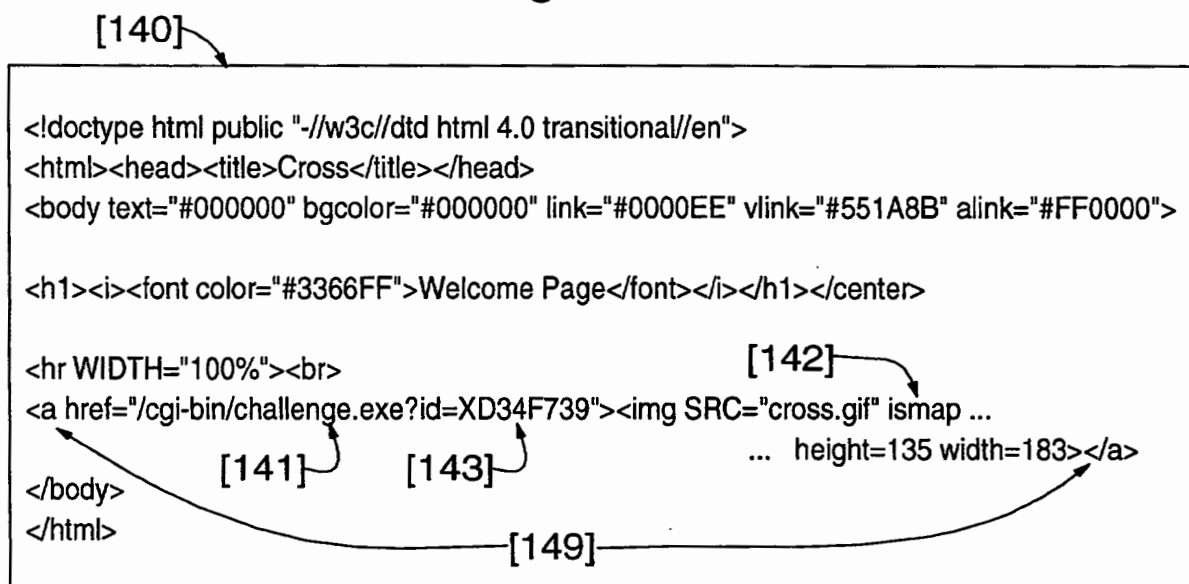


Figure 2

FR 9 2000 0041
LAMBERTON et al.
2/4

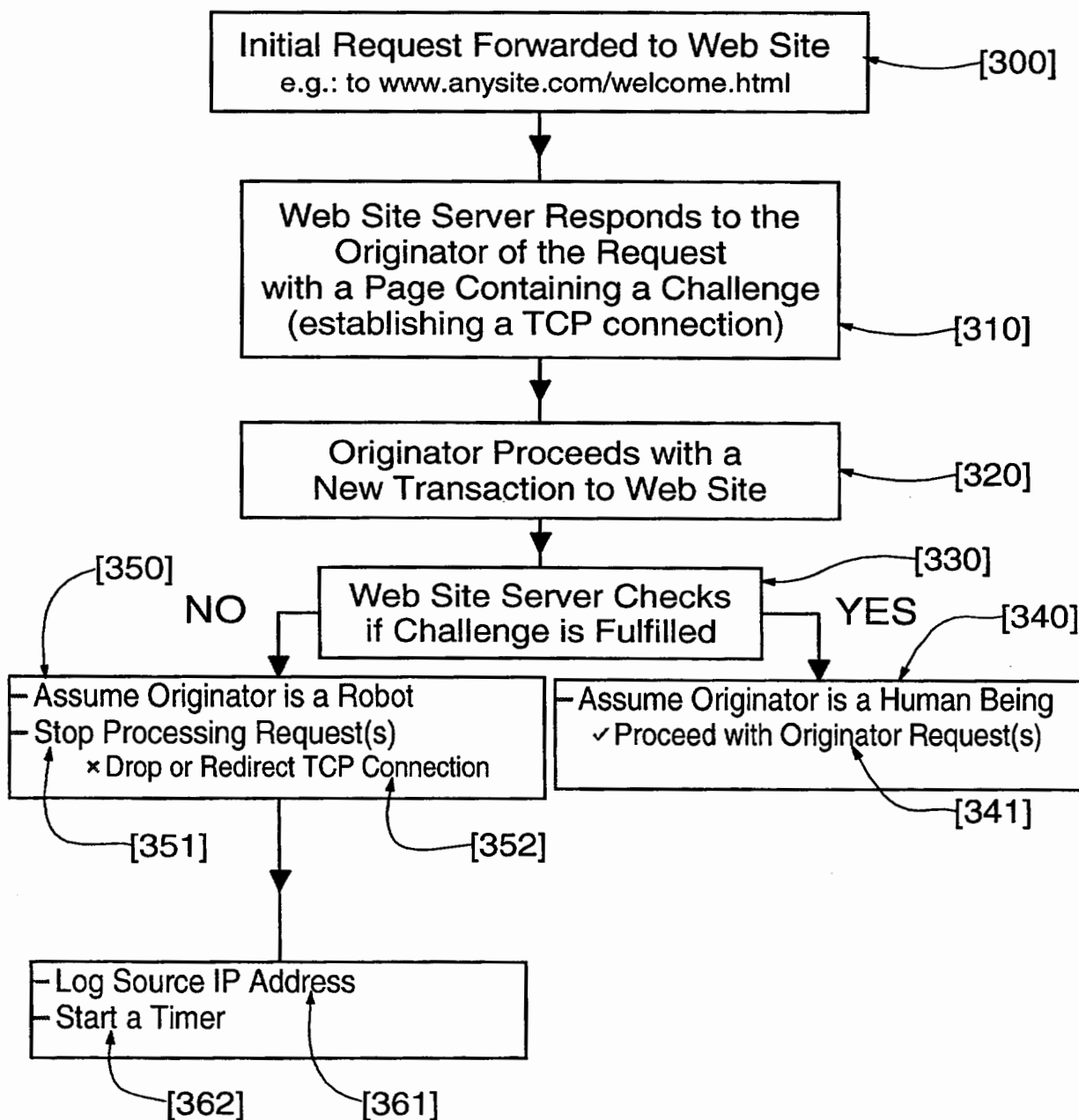


Figure 3

FR 9 2000 0041
LAMBERTON et al.
3/4

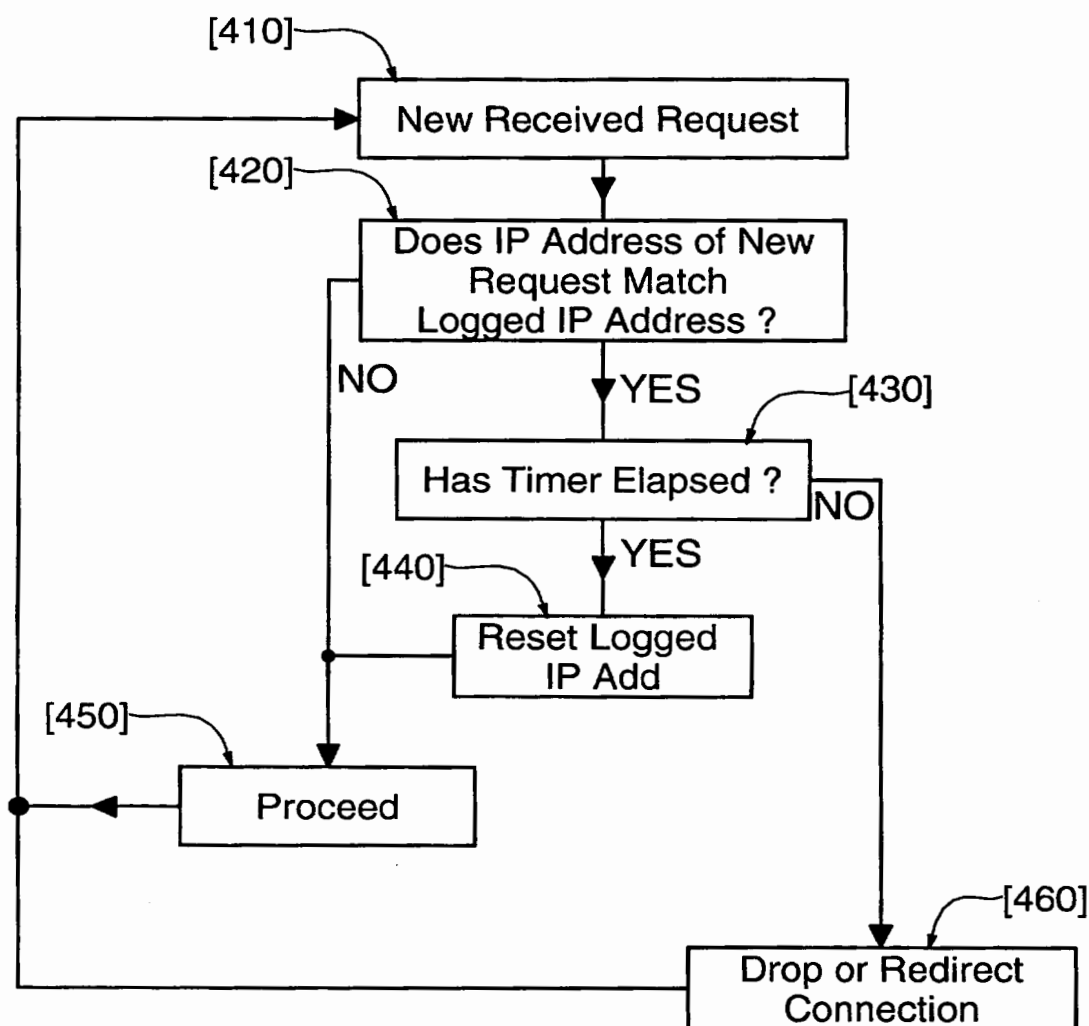
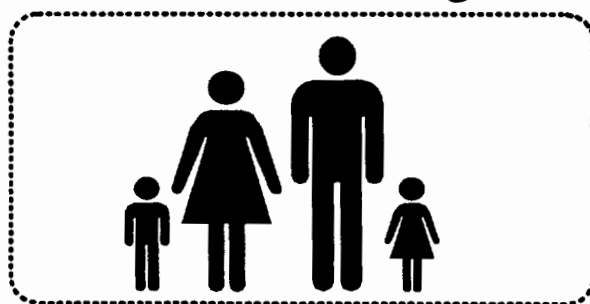


Figure 4

FR 9 2000 0041
LAMBERTON et al.
4/4

Welcome Page



[500]

To Go Further Please, Tell us Who is the Tallest ?

[510]

Figure 5-a

Welcome Page

[520]



To Enter this Site a Key is not Necessary, Money will not Let you IN, Waiting will not Help, All you Really Need is Luck !

[530]

Figure 5-b



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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/901,442	07/09/2001	Marc Lamberton	FR920000041US1	2021

7590 11/08/2004
Edward H. Duffield
IBM Corporation T81/503
PO Box 12195
Research Triangle Park, NC 27709

EXAMINER

PEESO, THOMAS R

ART UNIT	PAPER NUMBER
----------	--------------

2132

DATE MAILED: 11/08/2004

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

Office Action Summary

Application No.

09/901,442

Applicant(s)

LAMBERTON ET AL.

Examiner

Thomas R. Peeso

Art Unit

2132

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

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-55 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1 and 27 is/are rejected.
- 7) ☒ Claim(s) 2-26 and 28-55 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 07092001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1 and 27 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by U.S.

Patent No. 5,949,876 to Ginter et al.

As per claims 1 and 27, Ginter et al. discloses the limitations of these claims (see at least the abstract).

Allowable Subject Matter

Claims 2-26 and 28-55 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. Patent No. 5,867,495 to Elliott et al.

Art Unit: 2132

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas R. Peeso whose telephone number is 571 272-3809. The examiner can normally be reached on Mon.-Fri, 7:00 to 3:30 .

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron, can be reached on 571 272-3799.



Thomas R. Peeso
Primary Examiner
Art Unit 2132

November 2, 2004

Notice of References Cited	Application/Control No. 09/901,442	Applicant(s)/Patent Under Reexamination LAMBERTON ET AL.	
	Examiner Thomas R. Peeso	Art Unit 2132	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5,949,876	09-1999	Ginter et al.	705/80
	B	US-5,867,495	02-1999	Elliott et al.	370/352
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
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WASHINGTON, D.C. 20231
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Bib Data Sheet

CONFIRMATION NO. 2021

SERIAL NUMBER 09/901,442	FILING DATE 07/09/2001 RULE	CLASS 713	GROUP ART UNIT 2131	ATTORNEY DOCKET NO. FR920000041US1	
APPLICANTS Marc Lamberton, Antibes, FRANCE; Eric Levy-Abegnoli, Nice, FRANCE; Pascal Thubert, Vence, FRANCE;					
** CONTINUING DATA ***** ** FOREIGN APPLICATIONS ***** EUROPEAN PATENT OFFICE (EPO) 00480085.0 2201 09/12/2000 IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 08/23/2001					
Foreign Priority claimed ☒ yes ☐ no 35 USC 119 (a-d) conditions met ☒ yes ☐ no ☐ Met after Allowance Verified and Acknowledged <u> </u> Examiner's Signature Initials		STATE OR COUNTRY FRANCE	SHEETS DRAWING 4	TOTAL CLAIMS 55	INDEPENDENT CLAIMS 2
ADDRESS Edward H. Duffield IBM Corporation T81/503 PO Box 12195 Research Triangle Park ,NC 27709					
TITLE System and method for implementing a robot proof Web site					
FILING FEE RECEIVED 4976	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit		

Index of Claims



Application No.

09/901,442

Examiner

Thomas R. Peeso

Applicant(s)

LAMBERTON ET AL.

Art Unit

2132

✓	Rejected
=	Allowed

-	(Through numeral) Cancelled
+	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claim		Date			
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Search Notes



Application No.

09/901,442

Examiner

Thomas R. Peeso

Applicant(s)

LAMBERTON ET AL.

Art Unit

2132

SEARCHED

Class	Subclass	Date	Examiner
713-170	164	2 NOV 04	HP
	166		
	167		
	168		
	194		
	200		
	201		

INTERFERENCE SEARCHED

Class	Subclass	Date	Examiner

SEARCH NOTES (INCLUDING SEARCH STRATEGY)

	DATE	EXMR

Facsimile Transmittal

To: The Commissioner for Patents at the USPTO:

Recipient facsimile telephone number 703-872-9306

Sender: George E. Grosser (Atty. No. 25,629)

Sender phone and Facsimile number 919-868-7847

Date: February 8, 2005

Pages: 23 (incl. cover)

Document Identification excerpt:

In the United States Patent and Trademark Office

In re Appl. No. : 09/901,442
Applicant : Marc Lamberton
Filed : July 9, 2001
Title : System and Method for Implementing a Robot Proof Web Site

TC/A.U. : 2132
Examiner : Thomas R. Peeso

Docket No. : FR9-2000-0041US1

REPLY

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

Sir:

In response to the Office Action dated November 8, 2004, with period for response ending February 8, 2005, the following amendment and remarks are submitted.

The List of Claims starts on page 2.

IBM Docket No. FR9-2000-0041US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Transmittal of
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FEB 08 2005

Date: 2005

In re Application of: Marc Lamberton

Serial No. 09/901,442

Filed: July 9, 2001

For: System and Method for Implementing a Robot Proof Web Site

Examiner: Thomas R. Peeso

Art Unit: 2132

- ☐ No additional fee is required
- ☒ The fee due for this reply is calculated below

Claims Remaining	Claims Paid For				Rate	Additional Fee	
Total	227	-	242	=	0	@	\$50.00 = 0
Independent	4	-	3	=	1	@	\$200.00 = 200.00
First presentation of Multiple Independent Claims							\$360.00 =
TOTAL							200.00

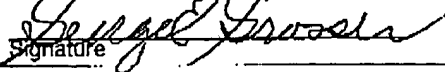
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George E. Grosser

Person transmitting or depositing



By: 
George E. Grosser

Attorney Registration No. 25,629

c/o
IBM Corporation
3039 Cornwallis Rd.
Dept. T81 / Bldg. 501
PO Box 12195
Research Triangle Park, NC 27709

Telephone: 919-968-7847
FAX: 919-254-4330

IBM Docket No. FR9-2000-0041US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Transmittal of
REPLY

Date: 2005

In re Application of: Marc Lamberton

Serial No. 09/901,442

Filed: July 9, 2001

For: System and Method for Implementing a Robot Proof Web Site

Examiner: Thomas R. Peeso

Art Unit: 2132

- ☐ No additional fee is required
- ☒ The fee due for this reply is calculated below

Claims Remaining	Claims Paid For					Rate	Additional Fee	
Total	227	-	242	=	0	@	\$50.00	= 0
Independent	4	-	3	=	1	@	\$200.00	= 200.00
First presentation of Multiple Independent Claims							\$360.00	=
TOTAL								200.00

Please charge Deposit Account **09-0461** for the **TOTAL** set forth above. The Commissioner is authorized to charge payment of any additional fees required under 37 CFR §1.16 and 37 CFR §1.17 or to credit any overpayment to the designated Deposit Account. A duplicate copy of this sheet is enclosed.

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George E. Grosser
Person transmitting or depositing

Signature

By: 
George E. Grosser

Attorney Registration No. 25,629

c/o
IBM Corporation
3039 Cornwallis Rd.
Dept. T81 / Bldg. 501
PO Box 12195
Research Triangle Park, NC 27709

Telephone: 919-968-7847
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George E. Grosser
Person mailing/transmitting document


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In the United States Patent and Trademark Office

In re Appl. No. : 09/901,442
Applicant : Marc Lamberton
Filed : July 9, 2001
Title : System and Method for Implementing a Robot Proof Web Site

TC/A.U. : 2132
Examiner : Thomas R. Peeso

Docket No. : FR9-2000-0041US1

REPLY

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

Sir:

In response to the Office Action dated November 8, 2004, with period for
response ending February 8, 2005, the following amendment and remarks are
submitted.

The List of Claims starts on page 2.

Remarks begin on page 19.

PATENT
IBM Docket No. FR9-2000-0041US1

Listing of Claims (including status and amendments):

1 1. (Canceled) A method for preventing robots from browsing a Web
2 site beyond a welcome page [110], said method in said Web site
3 comprising the steps of:

4 receiving an initial request from an undefined originator
5 and responding to said initial request [300] with a challenge
6 [310] that prompts a response from said undefined originator; and
7
8 receiving a response [320] from said undefined originator and
9 checking [330] said response to determine whether said challenge
10 is fulfilled; and

11 if said challenge is fulfilled:

12 processing any further requests; and

13 if said challenge is not fulfilled:

14 stopping processing of any further requests.

1 2. (Currently amended) A method for preventing robots from
2 browsing a Web site beyond a welcome page [110], said method in
3 said Web site comprising the steps of:

4 receiving an initial request from an undefined originator
5 and responding to said initial request [300] with a challenge
6 [310] that prompts a response from said undefined originator; and

PATENT
IBM Docket No. FR9-2000-0041US1

7 receiving a response [320] from said undefined originator and
8 checking [330] said response to determine whether said challenge
9 is fulfilled; and

10 if said challenge is fulfilled:

11 processing any further requests; and

12 if said challenge is not fulfilled:

13 stopping processing of any further requests; the
14 method according to Claim 1 and wherein said step of stopping
15 processing of said further requests includes the further step of:

16 dropping or redirecting a TCP connection [352] established
17 with said undefined originator.

1 3. (Currently amended) A method for preventing robots from
2 browsing a Web site beyond a welcome page [110], said method in
3 said Web site comprising the steps of:

4 receiving an initial request from an undefined originator
5 and responding to said initial request [300] with a challenge
6 [310] that prompts a response from said undefined originator; and

7 —
8 receiving a response [320] from said undefined originator and
9 checking [330] said response to determine whether said challenge
10 is fulfilled; and

11 if said challenge is fulfilled:

12 processing any further requests; and

PATENT
IBM Docket No. FR9-2000-0041US1

13 if said challenge is not fulfilled:
14 stopping processing of any further requests; and the
15 method according to Claim 1 further including the steps of:

16 logging a source IP address [361] of said undefined
17 originator and

18 starting a timer [362].

1 4. (Original) The method according to Claim 2 further
2 including the steps of:

3 logging a source IP address [361] of said undefined
4 originator and

5 starting a timer [362].

1 5. (Original) The method according to Claim 2 further
2 including steps upon receiving a new request [410] of:

3 checking [420] whether a source IP address of said new
4 request matches said logged source IP address; and

5 if said source IP address matches said logged source IP
6 address:

7 checking [430] whether said timer has expired and,

8 if said timer is expired,

PATENT
IBM Docket No. FR9-2000-0041US1

9 resetting [40] said logged IP address; and
10 proceeding [450] normally with said new request; and
11 if said timer is not expired,
12 dropping or redirecting said TCP connection [460];
13 if said source IP address does not match said logged source
14 IP address,
15 proceeding [450] normally with said new request and
16 executing all the above steps with each newly received request
17 [410].

1 6. (Original) The method according to Claim 4 further
2 including steps upon receiving a new request [410] of:

3 checking [420] whether a source IP address of said new
4 request matches said logged source IP address; and

5 if said source IP address matches said logged source IP
6 address:

7 checking [430] whether said timer has expired and,

8 if said timer is expired,

9 resetting [40] said logged IP address; and

PATENT
IBM Docket No. FR9-2000-0041US1

10 proceeding [450] normally with said new request; and
11 if said timer is not expired,
12 dropping or redirecting said TCP connection [460];
13 if said source IP address does not match said logged source
14 IP address,
15 proceeding [450] normally with said new request and
16 executing all the above steps with each newly received request
17 [410].

1 7. (Original) The method according to any one of Claims [[1]]
2 2-6, wherein:

3 said challenge includes prompting said undefined originator
4 to perform a specific action [130].

1 8. (Original) The method according to any one of Claims [[1]]
2 2-6 wherein:

3 said prompting is different at each subsequent access of
4 said web site.

1 9. (Original) The method according to Claim 7 wherein:

2 said prompting is different at each subsequent access of
3 said web site.

PATENT
IBM Docket No. FR9-2000-0041US1

1 10. (Original) The method according to any one of the
2 previous Claims 1-6 wherein:

3 said response includes making a choice among a plurality of
4 prompted response options [120].

1 11. (Original) The method according to Claim 7 wherein:

2 said response includes making a choice among a plurality of
3 prompted response options [120].

1 12. (Original) The method according to Claim 8 wherein:

2 said response includes making a choice among a plurality of
3 prompted response options [120].

1 13. (Original) The method according to Claim 9 wherein:

2 said response includes making a choice among a plurality of
3 prompted response options [120].

1 14. (Original) The method according to any one of the previous
2 Claims [[1]] 2-6, wherein said response includes an answer to a
3 quiz [510].

1 15. (Original) The method according to Claim 7, wherein said
2 response includes an answer to a quiz [510].

PATENT
IBM Docket No. FR9-2000-0041US1

1 16. (Original) The method according to Claim 8, wherein said
2 response includes an answer to a quiz [510].

1 17. (Original) The method according to Claim 9, wherein said
2 response includes an answer to a quiz [510].

1 18. (Original) The method according to Claim 10, wherein said
2 response includes an answer to a quiz [510].

1 19. (Original) The method according to Claim 11, wherein said
2 response includes an answer to a quiz [510].

1 20. (Original) The method according to Claim 12, wherein said
2 response includes an answer to a quiz [510].

1 21. (Original) The method according to Claim 13, wherein said
2 response includes an answer to a quiz [510].

1 22. (Original) The method according to any one of the previous
2 Claims [[1]] ~~2-6, 9, 11-13, and 14-21~~, wherein said response is
3 suggested by textual meaning [530].

1 23. (Original) The method according to Claim 7, wherein said
2 response is suggested by textual meaning [530].

1 24. (Original) The method according to Claim 8, wherein said
2 response is suggested by textual meaning [530].

PATENT
IBM Docket No. FR9-2000-0041US1

1 25. (Original) The method according to Claim 10, wherein said
2 response is suggested by textual meaning [530].

1 26. (Original) The method according to Claim 14, wherein said
2 response is suggested by textual meaning [530].

1 27. (Canceled) A computer process for preventing robots from
2 browsing a web site beyond a welcome page, comprising computer-
3 executable steps of:

4 receiving an initial request from an undefined originator and
5 responding to said initial request [300] with a challenge [310]
6 that prompts a response from said undefined originator; and
7 receiving a response [320] from said undefined originator and
8 checking [330] said response to determine whether said challenge
9 is fulfilled; and

10 if said challenge is fulfilled:
11 processing any further requests; and

12 if said challenge is not fulfilled:
13 stopping processing of any further requests.

1 28. (Currently amended) A computer process for preventing robots
2 from browsing a web site beyond a welcome page, comprising
3 computer-executable steps of:

PATENT
IBM Docket No. FR9-2000-0041US1

4 receiving an initial request from an undefined originator and
5 responding to said initial request [300] with a challenge [310]
6 that prompts a response from said undefined originator; and
7 receiving a response [320] from said undefined originator and
8 checking [330] said response to determine whether said challenge
9 is fulfilled; and

10 if said challenge is fulfilled;

11 processing any further requests; and

12 if said challenge is not fulfilled;

13 stopping processing of any further requests

14 A computer process as claimed in Claim 27, further including
15 computer-executable steps for:

16 dropping or redirecting a TCP connection [352] established
17 with said undefined originator.

1 29. (Currently amended) A computer process for preventing
2 robots from browsing a web site beyond a welcome page, comprising
3 computer-executable steps of:

4 receiving an initial request from an undefined originator and
5 responding to said initial request [300] with a challenge [310]
6 that prompts a response from said undefined originator; and
7 receiving a response [320] from said undefined originator and
8 checking [330] said response to determine whether said challenge
9 is fulfilled; and

PATENT

IBM Docket No. FR9-2000-0041US1

~~if said challenge is fulfilled:~~

~~processing any further requests; and~~

~~if said challenge is not fulfilled:~~

~~stopping processing of any further requests; and A~~

~~computer process as claimed in Claim 27,~~

Logging a source IP address [361] of said undefined
originator and

starting a timer [362].

30. (Original) A computer process as claimed in Claim 28,

Logging a source IP address [361] of said undefined
originator and

starting a timer [362].

31. (Original) A computer process according to Claim 29,
further including computer-executable steps for:

checking [420] whether a source IP address of said new
request matches said logged source IP address; and

if said source IP address matches said logged source IP
address:

checking [430] whether said timer has expired and,

PATENT
IBM Docket No. FR9-2000-0041US1

8 if said timer is expired,

9 resetting [40] said logged IP address; and

10 proceeding [450] normally with said new request; and

11 if said timer is not expired,

12 dropping or redirecting said TCP connection [460];

13 if said source IP address does not match said logged source

14 IP address,

15 proceeding [450] normally with said new request and

16 executing all the above steps with each newly received request

17 [410].

1 32. (Original) A computer process according to Claim 31,

2 further including computer-executable steps for:

3 checking [420] whether a source IP address of said new

4 request matches said logged source IP address; and

5 if said source IP address matches said logged source IP

6 address:

7 checking [430] whether said timer has expired and,

8 if said timer is expired,

PATENT
IBM Docket No. FR9-2000-0041US1

9 resetting [40] said logged IP address; and

10 proceeding [450] normally with said new request; and

11 if said timer is not expired,

12 dropping or redirecting said TCP connection [460];

13 if said source IP address does not match said logged source

14 IP address,

15 proceeding [450] normally with said new request and

16 executing all the above steps with each newly received request

17 [410].

1 33. (Original) A computer process according to any one of

2 claims 28-32, further including computer-executable steps for:

3 prompting said undefined originator to perform a specific

4 action.

1 34. (Original) A computer process according to any one of

2 Claims 28-32, further including computer-executable steps for:

3 changing said prompting at each access of said website.

1 35. (Currently amended) A computer [[x]]process according to

2 Claim 33, further including computer-executable steps for:

PATENT
IBM Docket No. FR9-2000-0041US1

3 checking [420] whether a source IP address of said new
4 request matches said logged source IP address; and

5 if said source IP address matches said logged source IP
6 address:

7 checking [430] whether said timer has expired and,

8 if said timer is expired,

9 resetting [40] said logged IP address; and

10 proceeding [450] normally with said new request; and

11 if said timer is not expired,

12 dropping or redirecting said TCP connection [460];

13 if said source IP address does not match said logged source
14 IP address,

15 proceeding [450] normally with said new request and
16 executing all the above steps with each newly received request
17 [410].

1 **36. (Currently amended)** A computer process according to any
2 one of Claims 28-32, further including computer-executable steps
3 for:

PATENT
IBM Docket No. FR9-2000-0041US1

4 prompting said undefined originator to make a response
5 chosen from among a plurality of prompted response options.

1 37. (Original) A computer process according to Claim 33, further
2 including computer-executable steps for:

3 prompting said undefined originator to make a response
4 chosen from among a plurality of prompted response options.

1 38. (Original) A computer process according to Claim 34, further
2 including computer-executable steps for:

3 prompting said undefined originator to make a response
4 chosen from among a plurality of prompted response options.

1 39. (Original) A computer process according to Claim 35, further
2 including computer executable steps for:

3 prompting said undefined originator to make a response
4 chosen from among a plurality of prompted response options.

1 40. (Original) A computer process according to any one of Claims
2 28-32, further including computer-executable steps for:

3 prompting said undefined originator to make a response that
4 is an answer to a quiz.

1 41. (Original) A computer process according to Claim 33,
2 further including computer-executable steps for:

PATENT
IBM Docket No. FR9-2000-0041US1

3 prompting said undefined originator to make a response that
4 is an answer to a quiz.

1 **42.** (Original) A computer process according to Claim 34,
2 further including computer-executable steps for:

3 prompting said undefined originator to make a response that
4 is an answer to a quiz.

1 **43.** (Original) A computer process according to Claim 35,
2 further including computer-executable steps for:

3 prompting said undefined originator to make a response that
4 is an answer to a quiz.

1 **44.** (Original) A computer process according to Claim 36,
2 further including computer-executable steps for:

3 prompting said undefined originator to make a response that
4 is an answer to a quiz.

1 **45.** (Original) A computer process according to Claim 37,
2 further including computer-executable steps for:

3 prompting said undefined originator to make a response that
4 is an answer to a quiz.

1 **46.** (Original) A computer process according to Claim 38,
2 further including computer-executable steps for:

PATENT
IBM Docket No. FR9-2000-0041US1

3 prompting said undefined originator to make a response that
4 is an answer to a quiz.

1 **47.** (Original) A computer process according to Claim 39,
2 further including computer-executable steps for:

3 prompting said undefined originator to make a response that
4 is an answer to a quiz.

1 **48.** (Original) A computer process according to any one of Claims
2 28-32, further including computer-executable steps for:

3 prompting said undefined originator to make a response
4 based upon the knowledge content of said prompt.

1 **49.** (Original) A computer process according to Claim 33,
2 further including computer-executable steps for:

3 prompting said undefined originator to make a response based
4 upon the knowledge content of said prompt.

1 **50.** (Original) A computer process according to Claim 34,
2 further including computer-executable steps for:

3 prompting said undefined originator to make a response based
4 upon the knowledge content of said prompt.

1 **51.** (Original) A computer process according to Claim 35, further
2 including computer executable steps for:

PATENT
IBM Docket No. FR9-2000-0041US1

3 prompting said undefined originator to make a response based
4 upon the knowledge content of said prompt.

1 52. (Original) A computer process according to Claim 36, further
2 including computer executable steps for:

3 prompting said undefined originator to make a response based
4 upon the knowledge content of said prompt.

1 53. (Original) A computer process according to Claim 37, further
2 including computer executable steps for:

3 prompting said undefined originator to make a response based upon
4 the knowledge content of said prompt.

1 54. (Original) A computer process according to Claim 38, further
2 including computer executable steps for:

3 prompting said undefined originator to make a response based
4 upon the knowledge content of said prompt.

1 55. (Original) A computer process according to Claim 39, further
2 including computer executable steps for:

3 prompting said undefined originator to make a response based
4 upon the knowledge content of said prompt.
5

PATENT
IBM Docket No. FR9-2000-0041US1

REMARKS

Status:

Claims 1 and 27 stand rejected under 35 U.S.C. §102 (b) as being anticipated by the teaching of U. S. Pat. No. 5,949,876 to Ginter et al. Claims 2-26 and 28-55 are objected to as being dependent on unallowed claims but are found otherwise allowable. Claims 1 and 27 are canceled.

Claims 2-26 and 28-55 as amended are presented for reconsideration as is explained in the discussion that follows.

Analysis:

Claims 2, 3, 28 and 29 have been recast as independent claims. And, multiply-dependent claims 7, 8, 14, 22 have been amended (without prejudice) to no longer depend on claim 1. With these changes, it is believed claims 2-26 and 28-55 now overcome the objections of the Examiner; and, withdrawal of the objection to those claims is earnestly solicited.

Claim 22 is further amended to avoid a multiply-dependent claim depending on a multiply-dependent claim. Claims 35 and 36 are amended to correct spelling errors. In accordance with the foregoing, it is believed that this case has been placed in condition for allowance and early notice to that effect is earnestly solicited,

PATENT
IBM Docket No. FR9-2000-0041US1

Respectfully Submitted,


George E. Grosser

Reg. No. 25,629I

c/o IBM Corp.
Dept. T81/Bldg. 503 PO Box 12195
Research Triangle Park, NC 27709

(919)968-7847 Fax 919-254-4330
EMAIL: gegch@prodigy.net

PATENT APPLICATION FEE DETERMINATION RECORD
 Effective October 1, 2000

Application or Docket Number

 Form 730-000041 USJ
 9:401442
CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

 SMALL ENTITY
 TYPE ☐ OR

 OTHER THAN
 SMALL ENTITY

TOTAL CLAIMS	35 ~~242~~	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	242 minus 20 =	222
INDEPENDENT CLAIMS	2 minus 3 =	0
MULTIPLE DEPENDENT CLAIM PRESENT ☐		

RATE	FEE
BASIC FEE	355.00
X\$ 9=	
X40=	
+135=	
TOTAL	

RATE	FEE
BASIC FEE	710.00
X\$18=	3,996
X80=	
+270=	270
TOTAL	4,996

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

CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

2/8/05

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	• 55	Minus	** 242 =
	Independent	• 2	Minus	*** 2 =
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM ☐			

RATE	ADDITIONAL FEE
X\$ 9=	
X40=	
+135=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X80=	
+270=	
TOTAL ADDIT. FEE	

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	•	Minus	** =
	Independent	•	Minus	*** =
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM ☐			

RATE	ADDITIONAL FEE
X\$ 9=	
X40=	
+135=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X80=	
+270=	
TOTAL ADDIT. FEE	

AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	•	Minus	** =
	Independent	•	Minus	*** =
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM ☐			

RATE	ADDITIONAL FEE
X\$ 9=	
X40=	
+135=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X80=	
+270=	
TOTAL ADDIT. FEE	

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

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

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

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



UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
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www.uspto.gov

APPLICATION NUMBER	PATENT NUMBER	GROUP ART UNIT	FILE WRAPPER LOCATION
09/901,442		2132	2132

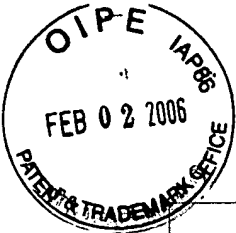
Correspondence Address / Fee Address Change

The following fields have been set to Customer Number 25259 on 12/13/2005

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- Maintenance Fee Address

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DEPT. T81 / B503, PO BOX 12195
REASEARCH TRIANGLE PARK, NC 27709



B

\$2132
(TFW)

CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)

I hereby certify that this paper and fee are being deposited with the United States Postal Service as First Class mail in an envelope addressed to the Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 31, 2006

Catherine M. Robbins

Catherine M. Robbins

NAME OF PERSON MAILING PAPER AND FEE

SIGNATURE OF PERSON MAILING PAPER AND FEE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	:	Date: January 31, 2006
Marc Lamberton	:	IBM Corporation
S.N. 09/901,442	:	Dept. T81/Bldg. 503
Filed: July 9, 2001	:	P.O. Box 12195
Title: System and Method for	:	Research Triangle Park, NC 27709
Implementing a Robot Proof Web Site	:	Art Unit: 2132

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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

Sir:

Applicants submit herewith patents, publications or other information of which there may be a duty to disclose in accordance with 37 CF 1.56 which they have just been made aware of from a foreign counterpart location.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other

Serial No. 09/901,442

1

02/03/2006 MBIZUNES 00000016 090461 09901442

01 FC:1806

180.00 DA

DataDome Ex. 1002, p. 96

DataDome v. Arkose Labs

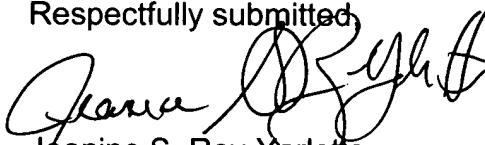
IPR2025-00693

information referred to herein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97 (d) (e) each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement; the Examiner is hereby authorized to charge the Petition Fee of \$180.00 to Deposit Account 09/0461.

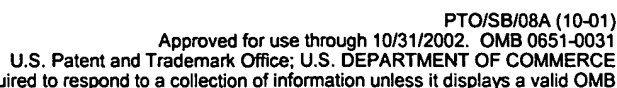
In accordance with 37 CFR 1.97(g) the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. The attached form, PTO-1449, provides a listing of patents, publications, or other information as required by 37 CFR 1.98(a)(1). A copy of each of the items on PTO-1449 is supplied herewith.

Respectfully submitted,



Jeanine S. Ray-Yarletts
Attorney for Applicants
Registration No. 39,808

PHONE: 919-543-9294; FAX: 919-254-4330
IBM Docket No. FR920000041US1
Customer No. 25259



Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/901,442
				Filing Date	07/09/2001
				First Named Inventor	Marc Lamberton
				Art Unit	2132
				Examiner Name	Thomas R. Peeso
				Attorney Docket Number	FR9-2000-0041US1
Sheet	1	of	2		

[illegible][illegible]

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

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/901,442
				Filing Date	07/09/2001
				First Named Inventor	Marc Lamberton
				Group Art Unit	2132
				Examiner Name	Thomas R. Peeso
				Attorney Docket Number	RSW920040130US1
Sheet	2	of	2		

[illegible]

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

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

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231

B

2132
IFW



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re application of : January 31, 2006
Marc Lamberton : IBM Corporation
Ser. No. 09/901,442 : Dept.T81/Bldg. 503-3
Filed July 9, 2001 : P.O. Box 12195
For: System & Method for Implementing : Res. Tri. Park, NC 27709
a Robot Proof Web Site : Art Unit: 2132

Status Inquiry

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

Sir:

With regard to the above identified application and the Amendment that was filed on February 8, 2005, we are respectfully requesting the status of this application.

Respectfully submitted,

Jeanine S. Ray-Yarletts
Attorney for Applicants
Reg. No. 39,808

Phone: 919-543-2541

Fax: 919-254-4330

S/N 09/901,442

-1-

IBM Docket: FR9-2000-0041US1



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Catherine M. Robbins

Catherine M. Robbins

LFW 2132 \$

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Catherine M. Robbins

Catherine M. Robbins

NAME OF PERSON MAILING PAPER AND FEE

SIGNATURE OF PERSON MAILING PAPER AND FEE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	:	Date: March 15, 2006
M. Lamberton, et al	:	IBM Corporation
S.N. 09/901,442	:	Dept. T81/Bldg. 503
Filed: 07/09/2001	:	P.O. Box 12195
Title: System & Method for	:	Research Triangle Park, NC 27709
Implementing a Robot Proof Website	:	Art Unit: 2132

03/21/2006 CNEGA1 00000024 090461 09901442

01 FC:1806 180.00 DA

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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

Sir:

Applicants submit herewith prior art as well as Examiner's findings of patents, publications or other information of which there may be a duty to disclose in accordance with 37 CF 1.56 which they have just been made aware of from a foreign counterpart location.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other

Serial No. 09/901,442

1

DataDome Ex. 1002, p. 102
DataDome v. Arkose Labs
IPR2025-00693

information referred to herein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97 (d) (e) each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement; the Examiner is hereby authorized to charge the Petition Fee of \$180.00 to Deposit Account 09/0461.

In accordance with 37 CFR 1.97(g) the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. The attached form, PTO-1449, provides a listing of patents, publications, or other information as required by 37 CFR 1.98(a)(1). A copy of each of the items on PTO-1449 is supplied herewith.

Respectfully submitted,



Jeanine S. Ray-Yarlett
Attorney for Applicants
Registration No. 39,808

PHONE: 919-543-9294; FAX: 919-254-4330
IBM Docket No. FR920000041US1
Customer No. 25259

A circular stamp from the Office of Intellectual Property (OIPE). The text "OIPE" is at the top, "MAR 20 2006" is in the center, and "PATENT & TRADEMARK OFFICE" is at the bottom. The stamp is slightly tilted.

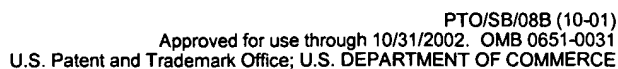
[illegible][illegible]

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

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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[illegible]

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

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

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231



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APPLICATION NUMBER	PATENT NUMBER	GROUP ART UNIT	FILE WRAPPER LOCATION
09/901,442		2132	2132

Correspondence Address / Fee Address Change

The following fields have been set to Customer Number 25259 on 05/21/2007

- Correspondence Address

The address of record for Customer Number 25259 is:

IBM CORPORATION
3039 CORNWALLIS RD.
DEPT. T81 / B503, PO BOX 12195
REASEARCH TRIANGLE PARK,NC 27709



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www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/901,442	07/09/2001	Marc Lamberton	FR920000041US1	2021
25259 7590 08/16/2007 IBM CORPORATION 3039 CORNWALLIS RD. DEPT. T81 / B503, PO BOX 12195 REASEARCH TRIANGLE PARK, NC 27709			EXAMINER PEESO, THOMAS R	
			ART UNIT 2132	PAPER NUMBER
			NOTIFICATION DATE 08/16/2007	DELIVERY MODE ELECTRONIC

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

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

RSWIPLAW@us.ibm.com

CP

Office Action Summary	Application No.		Applicant(s)	
	09/901,442		LAMBERTON ET AL.	
	Examiner		Art Unit	
	Thomas R. Peeso		2132	

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

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-55 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 2-4, 7, 14-22, 26, 28-30, 33 and 36-47 is/are rejected.
- 7) ☒ Claim(s) 5, 6, 8-13, 23-25, 31, 32, 34, 35 and 48-55 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on 09Jul2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) ☐ Notice of References Cited (PTO-892) | 4) ☐ Interview Summary (PTO-413) |
| 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____ |
| 3) ☒ Information Disclosure Statement(s) (PTO/SB/08) | 5) ☐ Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>20Mar2006, 02Feb2006</u> | 6) ☐ Other: ____ |

DataDome Ex. 1002, p. 108

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

Claims 2, 7, 14-22, 26, 28, 29, 33, 36-47 are rejected under 35 U.S.C. 102(e) as being clearly anticipated by U. S. Patent No. 6,195,698 to Lillibridge et al.

As per claims 2, 28 and 29,, Lillibridge et al. disclose the limitations of these claims (see at least the abstract).

As per claims 7, 33, 36-39, Lillibridge et al. disclose said challenge includes prompting(col. 6, lines 50-57).

Art Unit: 2132

As per claims 14-21, 40-47, Lillibridge et al. disclose said response includes an answer(col. 6, lines 18-26).

As per claims 22 and 26, Lillibridge et al. also disclose these features (col. 7, lines 29-45).

Claim Rejections - 35 USC § 103

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

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

Claims 3, 4 and 30 are rejected under 35 U.S.C. 103(a) as being unpatentable over , Lillibridge et al. as applied to claims 2 and 28 above, and further in view of the examiner taking official notice.

As per claims 3, 4 and 30, , Lillibridge et al. do not specifically disclose the
\\
limitations of these claims. The examiner, however, takes official notice that these elements are well known in the art of security systems . It would have been obvious to anyone having an ordinary level of skill in the art at the time the invention was made to have combined these well known features in applicants invention with the invention of Lillibridge et al. since they comprise very well known elements necessary for the entire system to function in a secure and controlled environment.

Allowable Subject Matter

Claims 5, 6, 8-13, 23-25, 31, 32, 34, 35, 48-55 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas R. Peeso whose telephone number is 571 272-3809. The examiner can normally be reached on Mon.-Fri, 7:00 a.m. to 3:30 p.m. The central fax number for the office is 571 273-8300.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron, can be reached on 571 272-3799.

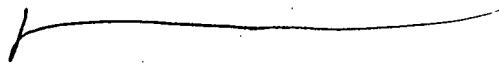
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>.

Art Unit: 2132

Should you have questions on access to the

Private PAIR system, contact the Electronic Business Center (EBC) at

866-217-9197 (toll-free).



Thomas R. Peeso
Primary Examiner

9 August 2007

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



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number

09/901,442

Filing Date

July 9, 2001

First Named Inventor

Marc Lamberton, et al

Art Unit

2132

Examiner Name

Attorney Docket Number:

FR920000041US1

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date
Considered

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

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

burden under WFO or Standard Form, if it is possible. Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



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

Substitute for form 1449B/PTO		Complete if Known	
		Application Number	09/901,442
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	July 9, 2001
		First Named Inventor	Marc Lamberton, et al
		Group Art Unit	2132
		Examiner Name	
		Attorney Docket Number	FR920000041US1
Sheet	2	of	2

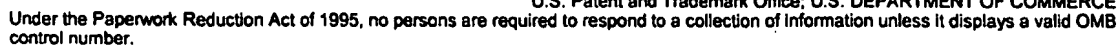
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	²
	1.	Hiroshi Yuhki, "CGL Lesson – Learning by C. S. Perl", October 1, 1999.	
	2.	Hiroshi Yuhki, "Introduction to CGL Created by Perl", July 30, 1998.	

Examiner Signature		Date Considered	9 AUG 07
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231



**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Application Number	09/901,442
Filing Date	07/09/2001
First Named Inventor	Marc Lamberton
Art Unit	2132
Examiner Name	Thomas R. Peeso
Attorney Docket Number	FR9-2000-0041US1

Sheet	1	of	2
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[illegible][illegible]

Examiner Signature		Date Considered	9 AUG 07
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Sheet	2	of	2
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Complete if Known

Application Number	09/001,442
Filing Date	07/09/2001
First Named Inventor	Marc Lamberton
Group Art Unit	2132
Examiner Name	Thomas R. Peeso
Attorney Docket Number	RSW920040130US1

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner
Signature**

Date Considered

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231



UNITED STATES PATENT AND TRADEMARK OFFICE

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



Bib Data Sheet

CONFIRMATION NO. 2021

SERIAL NUMBER 09/901,442	FILING OR 371(c) DATE 07/09/2001 RULE	CLASS 713	GROUP ART UNIT 2132	ATTORNEY DOCKET NO. FR920000041US1
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APPLICANTS

Marc Lamberton, Antibes, FRANCE;
 Eric Levy-Abegnoli, Nice, FRANCE;
 Pascal Thubert, Vence, FRANCE;

** CONTINUING DATA *****

** FOREIGN APPLICATIONS *****

EUROPEAN PATENT OFFICE (EPO) 00480085.0 2201 09/12/2000

IF REQUIRED, FOREIGN FILING LICENSE GRANTED **
 08/23/2001

Foreign Priority claimed ☒ yes ☐ no	STATE OR COUNTRY FRANCE	SHEETS DRAWING 4	TOTAL CLAIMS 55	INDEPENDENT CLAIMS 2
35 USC 119 (a-d) conditions met ☒ yes ☐ no ☐ Met after Allowance				
Verified and Acknowledged <u> </u> Examiner's Signature <u> </u> Initials				

ADDRESS

25259

TITLE

System and method for implementing a robot proof Web site

FILING FEE RECEIVED 4976	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	☐ All Fees
		☐ 1.16 Fees (Filing)
		☐ 1.17 Fees (Processing Ext. of time)
		☐ 1.18 Fees (Issue)
		☐ Other _____
		☐ Credit

DataDome Ex. 1002, p. 117

DataDome v. Arkose Labs

IPR2025-00693 8/9/2007

Index of Claims



Application/Control No.

09/901,442

Examiner

Thomas R. Peeso

Applicant(s)/Patent under Reexamination

LAMBERTON ET AL.

Art Unit

2132

✓	Rejected
=	Allowed

—	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claim	Date
Final	Original
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Claim	Date
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Claim	Date
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Search Notes



Application/Control No.

09/901,442

Examiner

Thomas R. Peeso

Applicant(s)/Patent under Reexamination

LAMBERTON ET AL.

Art Unit

2132

SEARCHED

Class	Subclass	Date	Examiner
7B	170	9AUG07	JP
	164		
	166		
	167		
	168		
	194		

INTERFERENCE SEARCHED

Class	Subclass	Date	Examiner

SEARCH NOTES (INCLUDING SEARCH STRATEGY)

	DATE	EXMR

Electronic Acknowledgement Receipt

EFS ID:	2100409
Application Number:	09901442
International Application Number:	
Confirmation Number:	2021
Title of Invention:	System and method for implementing a robot proof Web site
First Named Inventor/Applicant Name:	Marc Lamberton
Customer Number:	25259
Filer:	Jeanine Ray-Yarletts/Catherine Robbins
Filer Authorized By:	Jeanine Ray-Yarletts
Attorney Docket Number:	FR920000041US1
Receipt Date:	20-AUG-2007
Filing Date:	09-JUL-2001
Time Stamp:	14:11:16
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Change of Address	FR920000041US1_CorrChangeofAdd.pdf	155538 cc21d9d06769d0cceb1732d6aaf3a365fddd1b6	no	2

Warnings:

DataDome Ex. 1002, p. 120

DataDome v. Arkose Labs

IPR2025-00693

Information:	
Total Files Size (in bytes):	155538
This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.	

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**CHANGE OF
CORRESPONDENCE ADDRESS
Application**Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	09901442
Filing Date	July 9, 2001
First Named Inventor	Marc Lamberton
Art Unit	2132
Examiner Name	Thomas R. Peeso
Attorney Docket Number	FR920000041US1

Please change the Correspondence Address for the above-identified patent application to:

The address associated with
Customer Number:

46320

OR

Firm or
Individual Name

Address

City

State

Zip

Country

Telephone

Email

This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

I am the:



Applicant/Inventor

Assignee of record of the entire interest.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).Attorney or agent of record. Registration Number 39,808

Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number _____

Signature

Jeanine S. Ray-Yarletts

Typed or Printed
Name

Jeanine S. Ray-Yarletts

Date August 20, 2007

Telephone

919-543-2541

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.



Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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

DataDome Ex. 1002, p. 122

DataDome v. Arkose Labs

IPR2025-00693

Privacy Act Statement

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

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

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Customer Number: 46320
	:	
Marc LAMBERTON et al.	:	Confirmation Number: 2021
	:	
Application No.: 09/901,442	:	Group Art Unit: 2132
	:	
Filed: July 9, 2001	:	Examiner: T. Peeso
	:	
For:		SYSTEM AND METHOD FOR IMPLEMENTING A ROBOT PROOF WEB SITE

AMENDMENT

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

Sir:

The following Amendment and Remarks are submitted in response to the Office Action
dated August 16, 2007.

AMENDMENTS TO THE CLAIMS

Claims 1-5 (Cancelled)

6. (Currently Amended) A The method according to claim 4 for preventing robots from browsing a Web site beyond a welcome page, said method in said Web site comprising the steps of:

receiving an initial request from an undefined originator and responding to said initial request with a challenge that prompts a response from said undefined originator; and
receiving a response from said undefined originator and checking said response to determine whether said challenge is fulfilled; and

if said challenge is fulfilled:

processing any further requests; and

if said challenge is not fulfilled:

stopping processing of any further requests, wherein said step of stopping processing of said further requests includes the further step of:

dropping or redirecting a TCP connection established with said undefined originator

logging a source IP address of said undefined originator and starting a timer,

further including steps upon receiving a new request [410] of:

checking [420] whether a source IP address of said new request matches said logged source IP address; and

if said source IP address matches said logged source IP address:

checking [430] whether said timer has expired and, if said timer is expired, resetting [40] said logged IP address; and

proceeding [450] normally with said new request; and

if said timer is not expired, dropping or redirecting said TCP connection [460];

if said source IP address does not match said logged source IP address, proceeding [450] normally with said new request and executing all the above steps with each newly received request [440].

7. (Currently Amended) The method according to ~~any one of claim 6~~ claims 2-6 wherein:

said challenge includes prompting said undefined originator to perform a specific action [130].

8. (Currently Amended) The method according to ~~any one of claim 6~~ claims 2-6 wherein:

said prompting is different at each subsequent access of said web site.

9. (Original) The method according to claim 7 wherein:

said prompting is different at each subsequent access of said web site.

10. (Currently Amended) The method according to ~~any one of the previous claim 6~~ claims 2-6 wherein:

said response includes making a choice among a plurality of prompted response options
[120].

11. (Currently Amended) The method according to claim 7 wherein:
said response includes making a choice among a plurality of prompted response options
[120].

12. (Currently Amended) The method according to claim 8 wherein:
said response includes making a choice among a plurality of prompted response options
[120].

13. (Currently Amended) The method according to claim 9 wherein:
said response includes making a choice among a plurality of prompted response options
[120].

14. (Currently Amended) The method according to ~~any one of the previous~~ claim 6
~~claims 2-6~~, wherein said response includes an answer to a quiz [510].

15. (Currently Amended) The method according to claim 7, wherein said response
includes an answer to a quiz [510].

16. (Currently Amended) The method according to claim 8, wherein said response
includes an answer to a quiz [510].

17. (Currently Amended) The method according to claim 9, wherein said response includes an answer to a quiz ~~{510}~~.

18. (Currently Amended) The method according to claim 10, wherein said response includes an answer to a quiz ~~{510}~~.

19. (Currently Amended) The method according to claim 11, wherein said response includes an answer to a quiz ~~{510}~~.

20. (Currently Amended) The method according to claim 12, wherein said response includes an answer to a quiz ~~{510}~~.

21. (Currently Amended) The method according to claim 13, wherein said response includes an answer to a quiz ~~{510}~~.

22. (Currently Amended) The method according to ~~any one of the previous~~ claim 6 ~~claims 2-6~~, wherein said response is suggested by textual meaning ~~{530}~~.

23. (Currently Amended) The method according to claim 7, wherein said response is suggested by textual meaning ~~{530}~~.

24. (Currently Amended) The method according to claim 8, wherein said response is suggested by textual meaning [530].

25. (Currently Amended) The method according to claim 10, wherein said response is suggested by textual meaning [530].

26. (Currently Amended) The method according to claim 14, wherein said response is suggested by textual meaning [530].

Claims 27-31 (Cancelled)

32. (Current Amended) A computer process ~~according to claim 31, for preventing robots~~ from browsing a web site beyond a welcome page, comprising computer-executable steps of:
receiving an initial request from an undefined originator and responding to said initial
request with a challenge that prompts a response from said undefined originator; and
receiving a response from said undefined originator and checking said response to
determine whether said challenge is fulfilled; and
if said challenge is fulfilled:
processing any further requests; and
if said challenge is not fulfilled:
stopping processing of any further requests, wherein said step of stopping
processing of said further requests includes the further step of:

dropping or redirecting a TCP connection established with said undefined
originator
logging a source IP address of said undefined originator and starting a timer,
further including computer-executable steps for:
checking [420] whether a source IP address of said new request matches said logged
source IP address; and
if said source IP address matches said logged source IP address:
checking [430] whether said timer has expired and, if said timer is expired, resetting [40]
said logged IP address; and
proceeding [450] normally with said new request; and
if said timer is not expired, dropping or redirecting said TCP connection [460];
if said source IP address does not match said logged source IP address, proceeding [450]
normally with said new request and executing all the above steps with each newly received
request [440].

33. (Currently Amended) A computer process according to ~~any one of claim 32~~ claims
~~28-32~~, further including computer-executable steps for:

prompting said undefined originator to perform a specific action.

34. (Currently Amended) A computer process according to ~~any one of claim 32~~ claims
~~28-32~~, further including computer-executable steps for:

changing said prompting at each access of said website.

Claim 35 (Cancelled)

36. (Currently Amended) A computer process according to ~~any one of claim 32~~ claims 28-32, further including computer-executable steps for:

prompting said undefined originator to make a response chosen from among a plurality of prompted response options.

37. (Original) A computer process according to claim 33, further including computer-executable steps for:

prompting said undefined originator to make a response chosen from among a plurality of prompted response options.

38. (Original) A computer process according to claim 34, further including computer-executable steps for:

prompting said undefined originator to make a response chosen from among a plurality of prompted response options.

39. (Original) A computer process according to claim 35, further including computer-executable steps for:

prompting said undefined originator to make a response chosen from among a plurality of prompted response options.

40. (Currently Amended) A computer process according to ~~any one of claim 32~~ claims 28-32, further including computer-executable steps for:

prompting said undefined originator to make a response that is an answer to a quiz.

41. (Original) A computer process according to claim 33, further including computer-executable steps for:

prompting said undefined originator to make a response that is an answer to a quiz.

42. (Original) A computer process according to claim 34, further including computer-executable steps for:

prompting said undefined originator to make a response that is an answer to a quiz.

43. (Original) A computer process according to claim 35, further including computer-executable steps for:

prompting said undefined originator to make a response that is an answer to a quiz.

44. (Original) A computer process according to claim 36, further including computer-executable steps for:

prompting said undefined originator to make a response that is an answer to a quiz.

45. (Original) A computer process according to claim 37, further including computer-executable steps for:

prompting said undefined originator to make a response that is an answer to a quiz.

46. (Original) A computer process according to claim 38, further including computer-executable steps for:

prompting said undefined originator to make a response that is an answer to a quiz.

47. (Original) A computer process according to claim 39, further including computer-executable steps for:

prompting said undefined originator to make a response that is an answer to a quiz.

48. (Currently Amended) A computer process according to ~~any one of claim 32~~ claims 28-32, further including computer-executable steps for:

prompting said undefined originator to make a response based upon the knowledge content of said prompt.

49. (Original) A computer process according to claim 33, further including computer-executable steps for:

prompting said undefined originator to make a response based upon the knowledge content of said prompt.

50. (Original) A computer process according to claim 34, further including computer-executable steps for:

prompting said undefined originator to make a response based upon the knowledge content of said prompt.

51. (Original) A computer process according to claim 35, further including computer executable steps for:

prompting said undefined originator to make a response based upon the knowledge content of said prompt.

52. (Original) A computer process according to claim 36, further including computer executable steps for:

prompting said undefined originator to make a response based upon the knowledge content of said prompt.

53. (Original) A computer process according to claim 37, further including computer executable steps for:

prompting said undefined originator to make a response based upon the knowledge content of said prompt.

54. (Original) A computer process according to claim 38, further including computer executable steps for:

prompting said undefined originator to make a response based upon the knowledge content of said prompt.

55. (Original) A computer process according to claim 39, further including computer executable steps for:

prompting said undefined originator to make a response based upon the knowledge content of said prompt.

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Applicants have made every effort to present claims which distinguish over the prior art, and it is believed that all claims are in condition for allowance. However, Applicants invite the Examiner to call the undersigned if it is believed that a telephonic interview would expedite the prosecution of the application to an allowance. Accordingly, and in view of the foregoing remarks, Applicants hereby respectfully request reconsideration and prompt allowance of the pending claims.

Although Applicants believe that all claims are in condition for allowance, the Examiner is directed to the following statement found in M.P.E.P. § 706(II):

When an application discloses patentable subject matter and it is apparent from the claims and the applicant's arguments that the claims are intended to be directed to such patentable subject matter, but the claims in their present form cannot be allowed because of defects in form or omission of a limitation, the examiner should not stop with a bare objection or rejection of the claims. The examiner's action should be constructive in nature and when possible should offer a definite suggestion for correction. (emphasis added)

To the extent necessary, a petition for an extension of time under 37 C.F.R. § 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 09-0461, and please credit any excess fees to such deposit account.

Date: November 16, 2007

Respectfully submitted,

/Scott D. Paul/

Scott D. Paul

Registration No. 42,984

Steven M. Greenberg

Registration No. 44,725

Phone: (561) 922-3845

CUSTOMER NUMBER 46320

Electronic Acknowledgement Receipt

EFS ID:	2480765
Application Number:	09901442
International Application Number:	
Confirmation Number:	2021
Title of Invention:	System and method for implementing a robot proof Web site
First Named Inventor/Applicant Name:	Marc Lamberton
Customer Number:	46320
Filer:	Scott David Paul
Filer Authorized By:	
Attorney Docket Number:	FR920000041US1
Receipt Date:	16-NOV-2007
Filing Date:	09-JUL-2001
Time Stamp:	17:26:20
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1		7161-353U_amendment_2_OA_08-16-07.pdf	41339 6892bb343704c9fb4374c1fb64022666ed62eac3	yes	14

	Multipart Description/PDF files in .zip description		
	Document Description	Start	End
	Amendment - After Non-Final Rejection	1	1
	Claims	2	12
	Applicant Arguments/Remarks Made in an Amendment	13	14
Warnings:			
Information:			
Total Files Size (in bytes):		41339	
This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.			

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

Application Number	09901442
Filing Date	2001-07-09
First Named Inventor	Marc Lamberton
Art Unit	2132
Examiner Name	Peeso, Thomas R
Attorney Docket Number	FR920000041US1 (353)

U.S. PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

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FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	11-296481	JP		1999-10-29	Mitsubishi		☐

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

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵

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

Application Number		09901442
Filing Date		2001-07-09
First Named Inventor	Marc Lamberton	
Art Unit	2132	
Examiner Name	Peeso, Thomas R	
Attorney Docket Number	FR920000041US1 (353)	

1	YUKI, H.; CGI Lessons Using C&Perl (the 18th lesson) - For Creation of Attractive Web - Daily Quiz; C Magazine, Vol. 11, No. 10, Softbank Publishing, Inc.; October 1, 1999, pp. 168-173	☐
2	YUKI, H.; Introduction of CGI Creation Using Perl-Application Version; first edition; Softbank Publishing, Inc.; July 30, 1998, pp. 379-399	☐
3	JPI Version-6 JPI1/Remote Control; Operation Manual, Hitachi Ltd., June 30, 2000, Version 1, pp. 141-146	☐
4		☐

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

EXAMINER SIGNATURE

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

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

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

Application Number	09901442
Filing Date	2001-07-09
First Named Inventor	Marc Lamberton
Art Unit	2132
Examiner Name	Peeso, Thomas R
Attorney Docket Number	FR920000041US1 (353)

CERTIFICATION STATEMENT

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

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

OR

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

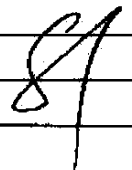
☐ See attached certification statement.

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

☐ None

SIGNATURE

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

Signature	/Steven M. Greenberg/ 	Date (YYYY-MM-DD)	2007-11-27
Name/Print	Steven M. Greenberg	Registration Number	44,725

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

(4)

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-296481

(43)Date of publication of application : 29.10.1999

(51)Int.Cl.

G06F 15/00

(21)Application number : 10-105054

(71)Applicant : MITSUBISHI ELECTRIC CORP

(22)Date of filing : 15.04.1998

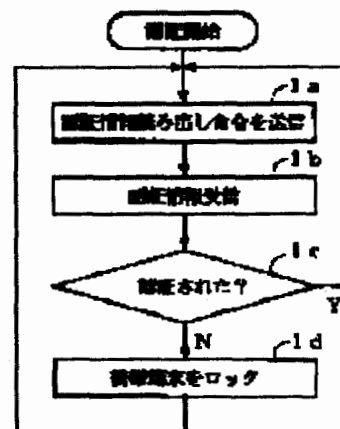
(72)Inventor : MAEDA NAOTOSHI
YAGI KOSUKE

(54) INFORMATION TERMINAL AUTHENTICATION METHOD AND AUTHENTICATION DEVICE

(57)Abstract

PROBLEM TO BE SOLVED: To secure integrity by adapting to authentication of an information terminal.

SOLUTION: A demand of authentication information is first performed prior to authentication (1a). Next, the authentication information generated on the basis of the demand of the authentication information is received (1b). Authentication is performed on the basis of the received authentication information. As a result of authentication, if a user can be authenticated (1c: Y), control is performed so that an information terminal can be used and then a demand of the authentication information is made again (1a). If authentication is not successful (1c: N), control is performed so that the information terminal cannot be used (1d) and then the demand of authentication information is performed again (1a). While the information terminal is being used, the authentication processing is repeated.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Electronic Acknowledgement Receipt

EFS ID:	2523535
Application Number:	09901442
International Application Number:	
Confirmation Number:	2021
Title of Invention:	System and method for implementing a robot proof Web site
First Named Inventor/Applicant Name:	Marc Lamberton
Customer Number:	46320
Filer:	Steven M. Greenberg/Peggy Shock
Filer Authorized By:	Steven M. Greenberg
Attorney Docket Number:	FR920000041US1
Receipt Date:	29-NOV-2007
Filing Date:	09-JUL-2001
Time Stamp:	12:18:53
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed	7161-353U_SupplDS.pdf	411533 9ab98e32fe337e0a08f0e335e1ca6ef8e5de990c	no	3

Warnings: DataDome Ex. 1002, p. 144

Information: DataDome v. Arkose Labs

IPR2025-00693

This is not an USPTO supplied IDS fillable form					
2	Foreign Reference	PUPA11296481_PAJ_PA.pdf	44632 66835cc00af93bc7ed523e13a43639508db3d654	no	1
Warnings:					
Information:					
3	NPL Documents	REF1_FR920000041JP1_PA.pdf	460719 1d20b158031514ab7ad81135ab00b09eb2f1ea94	no	7
Warnings:					
Information:					
4	NPL Documents	REF2_FR920000041JP1_PA.pdf	1498709 2f8cb83775688ee0ea0ce463ee4ce1716a4803a1	no	24
Warnings:					
Information:					
5	NPL Documents	REF3_FR920000041JP1_PA.pdf	278616 6d41160071c715a6055c54bc67477c944b56311c	no	8
Warnings:					
Information:					
Total Files Size (in bytes):			2694209		
This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.					



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Address: COMMISSIONER FOR PATENTS
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NOTICE OF ALLOWANCE AND FEE(S) DUE

46320 7590 01/09/2008

CAREY, RODRIGUEZ, GREENBERG & PAUL, LLP
STEVEN M. GREENBERG
950 PENINSULA CORPORATE CIRCLE
SUITE 3020
BOCA RATON, FL 33487

EXAMINER

PEESO, THOMAS R

ART UNIT

PAPER NUMBER

2132

DATE MAILED: 01/09/2008

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/901,442	07/09/2001	Marc Lamberton	FR92000041US1	2021

TITLE OF INVENTION: SYSTEM AND METHOD FOR IMPLEMENTING A ROBOT PROOF WEB SITE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	04/09/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

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

DataDome Ex. 1002, p. 146

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or **Fax** **(571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

46320

7590

01/09/2008

CAREY, RODRIGUEZ, GREENBERG & PAUL, LLP
STEVEN M. GREENBERG
950 PENINSULA CORPORATE CIRCLE
SUITE 3020
BOCA RATON, FL 33487

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/901,442	07/09/2001	Marc Lamberton	FR920000041US1	2021

TITLE OF INVENTION: SYSTEM AND METHOD FOR IMPLEMENTING A ROBOT PROOF WEB SITE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	04/09/2008

EXAMINER	ART UNIT	CLASS-SUBCLASS
PEESO, THOMAS R	2132	713-170000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____
2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

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

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

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

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

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

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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DataDome EX. 1002, p. 147

DataDome v. Arkose Labs



UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/901,442	07/09/2001	Marc Lamberton	FR920000041US1	2021
46320	7590	01/09/2008	EXAMINER	
CAREY, RODRIGUEZ, GREENBERG & PAUL, LLP STEVEN M. GREENBERG 950 PENINSULA CORPORATE CIRCLE SUITE 3020 BOCA RATON, FL 33487			PEESO, THOMAS R	
			ART UNIT	PAPER NUMBER
			2132	
			DATE MAILED: 01/09/2008	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 1172 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 1172 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability

Application No.

09/901,442

Examiner

Thomas R. Peeso

Applicant(s)

LAMBERTON ET AL.

Art Unit

2132

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

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 16Nov2007.
2. ☒ The allowed claim(s) is/are 6-26, 32-34, 36-40, 48 (renumbered as 1-30).
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 29 NOV 2007
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

THOMAS R. PEESO
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with attorney Scott Paul on 04Jan2008.

In claim 39, line 1, delete --claim 35-- and insert "claim 32".

Cancel claims 41 through 47 and claims 49-55.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas R. Peeso whose telephone number is 571 272-3809. The examiner can normally be reached on Mon.-Fri, 7:00 a.m. to 3:30 p.m. The central fax number for the office is 571 273-8300.

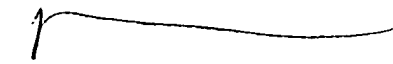
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron, can be reached on 571 272-3799.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the

Application/Control Number:
09/901,442
Art Unit: 2132

Page 3

Private PAIR system, contact the Electronic Business Center (EBC) at
866-217-9197 (toll-free).



Thomas R. Peeso
Primary Examiner

4 January 2008

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		09901442	
	Filing Date		2001-07-09	
	First Named Inventor	Marc Lamberton		
	Art Unit	2132		
	Examiner Name	Peezo, Thomas R		
	Attorney Docket Number	FR920000041US1 (353)		

U.S. PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

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

U.S. PATENT APPLICATION PUBLICATIONS						
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS								
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	14-296481	JP.		1999-10-29	Mitsubishi		☐

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

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Not for submission under 37 CFR 1.99)

Application Number	09901442
Filing Date	2001-07-09
First Named Inventor	Marc Lambertson
Art Unit	2132
Examiner Name	Peeso, Thomas R
Attorney Docket Number	FR920000041US1 (353)

	1	YUKI, H.; CGI Lessons Using C&Perl (the 18th lesson) - For Creation of Attractive Web - Dally Quiz; C Magazine, Vol. 11, No. 10, Softbank Publishing, Inc.; October 1, 1999, pp. 168-173	☐
	2	YUKI, H.; Introduction of CGI Creation Using Perl-Application Version; first edition; Softbank Publishing, Inc.; July 30, 1998, pp. 379-399	☐
	3	JPI Version-6 JPI1/Remote Control; Operation Manual, Hitachi Ltd., June 30, 2000, Version 1, pp. 141-146	☐
	4		☐

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

EXAMINER SIGNATURE

Examiner Signature		Date Considered	4 J 9 4 0 8
--------------------	--	-----------------	-------------

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

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

Issue Classification 	Application/Control No. 09/901,442	Applicant(s)/Patent under Reexamination LAMBERTON ET AL.
	Examiner Thomas R. Peeso	Art Unit 2132

ISSUE CLASSIFICATION									
ORIGINAL					INTERNATIONAL CLASSIFICATION				
CLASS		SUBCLASS			CLAIMED			NON-CLAIMED	
713		170			G06F01/24				
CROSS REFERENCES									
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)								
713	164	166	167	168					
713	194								
					THOMAS R. PEESO PRIMARY EXAMINER (Primary Examiner) 4/5/08 (Date)			Total Claims Allowed: 30	
(Assistant Examiner) (Date) HWS 1/8/08 (Legal Instruments Examiner) (Date)								O.G. Print Claim(s) 1	
								O.G. Print Fig. 3	

☐ Claims renumbered in the same order as presented by applicant				☐ CPA				☐ T.D.				☐ R.1.47			
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original		
	1		31		61		91		121		151		181		
	2	20	32		62		92		122		152		182		
	3	21	33		63		93		123		153		183		
	4	23	34		64		94		124		154		184		
	5		35		65		95		125		155		185		
1	6	25	36		66		96		126		156		186		
2	7	22	37		67		97		127		157		187		
9	8	24	38		68		98		128		158		188		
3	9	26	39		69		99		129		159		189		
13	10	27	40		70		100		130		160		190		
29	11		41		71		101		131		161		191		
10	12		42		72		102		132		162		192		
4	13		43		73		103		133		163		193		
12	14		44		74		104		134		164		194		
7	15		45		75		105		135		165		195		
12	16		46		76		106		136		166		196		
6	17		47		77		107		137		167		197		
14	18	28	48		78		108		138		168		198		
30	19		49		79		109		139		169		199		
11	20		50		80		110		140		170		200		
5	21		51		81		111		141		171		201		
19	22		52		82		112		142		172		202		
8	23		53		83		113		143		173		203		
16	24		54		84		114		144		174		204		
15	25		55		85		115		145		175		205		
18	26		56		86		116		146		176		206		
	27		57		87		117		147		177		207		
	28		58		88		118		148		178		208		
	29		59		89		119		149		179		209		
	30		60		90		120		150		180		210		

Search Notes



Application/Control No.

09/901,442

Examiner

Thomas R. Peeso

Applicant(s)/Patent under Reexamination

LAMBERTON ET AL.

Art Unit

2132

SEARCHED

Class	Subclass	Date	Examiner
713	170	4 Jan 08	TP
	164		
	166		
	167		
	168		
	194		

INTERFERENCE SEARCHED

Class	Subclass	Date	Examiner
713	170	4 Jan 08	TP
	164, 166		
	167, 168		
	194		

SEARCH NOTES (INCLUDING SEARCH STRATEGY)

	DATE	EXMR

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or **Fax** (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS: (Note: Use Block 1 for any change of address)

CAREY, RODRIGUEZ, GREENBERG & PAUL, LLP
STEVEN M. GREENBERG
950 PENINSULA CORPORATE CIRCLE
SUITE 3020
BOCA RATON, FL 33487

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/901,442	07/09/2001	Marc Lamberton	FR920000041US1 (353)	2021

TITLE OF INVENTION: **SYSTEM AND METHOD FOR IMPLEMENTING A ROBOT PROOF WEB SITE**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	No	\$1440	\$300	\$1740	04/09/08

EXAMINER	ART UNIT	CLASS-SUBCLASS
Peeso, Thomas R.	2132	713-170000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☒ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☒ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

- 1 **Joseph E. Bracken, Esq.**
 2 **Steven M. Greenberg, Esq.**
 3 **Carey Rodriguez Greenberg & Paul LLP**

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

INTERNATIONAL BUSINESS MACHINES CORPORATION

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

ARMONK, NY

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

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

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

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number **09-0461** (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. **31/2008 SZLWIEC 00000079 090461 09901442**

Authorized Signature _____
 Typed or printed name **Steven M. Greenberg**

Date **31 Mar 21 2008**
 FC:1504 **300.00**
 Registration No. **44,725**

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Doc Code:

PTO/SB/122 (01-06)

Approved for use through 12/31/2008. OMB 0651-0035

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**CHANGE OF
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Application**Address to:
Commissioner for Patents
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Alexandria, VA 22313-1450

Application Number	09/901,442
Filing Date	07/09/2001
First Named Inventor	Marc Lamberton
Art Unit	2132
Examiner Name	Peeso, Thomas R.
Attorney Docket Number	FR920000041US1 (353)

Please change the Correspondence Address for the above-identified application to:

The address associated with
Customer Number:

25259

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Firm or
Individual Name

Address

City

State

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Country

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I am the:



Applicant/Inventor



Assignee of record of the entire interest.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).



Attorney or Agent of record. Registration Number

44,725



Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number

Signature

Typed or Printed Steven M. Greenberg

Date

March 21, 2008

Telephone

561-922-3845

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.



*Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DataDome v. Arkose Labs

IPR2025-00693



UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/901,442	05/13/2008	7373510	FR920000041US1 (353)	2021

46320 7590 04/23/2008

CAREY, RODRIGUEZ, GREENBERG & PAUL, LLP
STEVEN M. GREENBERG
950 PENINSULA CORPORATE CIRCLE
SUITE 3020
BOCA RATON, FL 33487

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment is 1172 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Marc Lamberton, Antibes, FRANCE;
Eric Levy-Abegnoli, Nice, FRANCE;
Pascal Thubert, Vence, FRANCE;

POWER OF ATTORNEY BY APPLICANT

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

Application Number	Filing Date
09/901,442	07-09-2001

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

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

27683

OR

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

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

☒ The address associated with the above-mentioned Customer Number

OR

☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name

Address

City

State

Zip

Country

Telephone

Email

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

Arkose Labs Holdings, Inc.

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

SIGNATURE of Applicant for Patent

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

Signature

Mark H. Remick

Date (Optional)

September 10, 2021 | 3:30:40 PM PDT

Name

Mark H. Remick

Title

Chief Operating Officer/Chief Financial Officer

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

☒ Total of one forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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

DataDome Ex. 10028159

DataDome v. Arkose Labs

IPR2025-00693

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

STATEMENT UNDER 37 CFR 3.73(c)Applicant/Patent Owner: Arkose Labs Holdings, Inc.Application No./Patent No.: 09/901,442 Filed/Issue Date: 07-09-2001Titled: SYSTEM AND METHOD FOR IMPLEMENTING A ROBOT PROOF WEB SITEArkose Labs Holdings, Inc., a corporation

(Name of Assignee)

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

states that, for the patent application/patent identified above, it is (choose **one** of options 1, 2, 3 or 4 below):

1. ☒ The assignee of the entire right, title, and interest.
2. ☐ An assignee of less than the entire right, title, and interest (check applicable box):
- ☐ The extent (by percentage) of its ownership interest is ____%. Additional Statement(s) by the owners holding the balance of the interest must be submitted to account for 100% of the ownership interest.
- ☐ There are unspecified percentages of ownership. The other parties, including inventors, who together own the entire right, title and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

3. ☐ The assignee of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made). The other parties, including inventors, who together own the entire right, title, and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

4. ☐ The recipient, via a court proceeding or the like (e.g., bankruptcy, probate), of an undivided interest in the entirety (a complete transfer of ownership interest was made). The certified document(s) showing the transfer is attached.

The interest identified in option 1, 2 or 3 above (not option 4) is evidenced by either (choose **one** of options A or B below):

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

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

1. From: Marc Lamberton, Eric Levy-Abegnoli, Pascal Thubert To: INTERNATIONAL BUSINESS MACHINES CORPORATIONThe document was recorded in the United States Patent and Trademark Office at
Reel 012010, Frame 0251, or for which a copy thereof is attached.2. From: INTERNATIONAL BUSINESS MACHINES CORPORATION To: ARKOSE LABS, INC.The document was recorded in the United States Patent and Trademark Office at
Reel 057418, Frame 0615, or for which a copy thereof is attached.

[Page 1 of 2]

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

DataDome Ex. 1002, p. 160

DataDome V. Arkose Labs

IPR2025-00693

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

STATEMENT UNDER 37 CFR 3.73(c)

3. From: ARKOSE LABS, INC. To: ARKOSE LABS HOLDINGS, INC.

The document was recorded in the United States Patent and Trademark Office at
Reel 057455, Frame 0455, or for which a copy thereof is attached.

4. From: _____ To: _____

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

5. From: _____ To: _____

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

6. From: _____ To: _____

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

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

☐ As required by 37 CFR 3.73(c)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

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

/Philip H. Albert/

Signature

Philip H. Albert

Printed or Typed Name

Sept. 16, 2021

Date

35819

Title or Registration Number

Privacy Act Statement

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

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

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

Electronic Acknowledgement Receipt

EFS ID:	43789968
Application Number:	09901442
International Application Number:	
Confirmation Number:	2021
Title of Invention:	SYSTEM AND METHOD FOR IMPLEMENTING A ROBOT PROOF WEB SITE
First Named Inventor/Applicant Name:	Marc Lamberton
Customer Number:	46320
Filer:	Philip H. Albert/Katty Tong
Filer Authorized By:	Philip H. Albert
Attorney Docket Number:	FR920000041US1 (353)
Receipt Date:	16-SEP-2021
Filing Date:	09-JUL-2001
Time Stamp:	20:25:15
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	60250-12US01_POAFiled.pdf	158070	no	1
			e3aef817b5aeffdba1a314c71d8a9423431928f8 DataDome Ex.		

Warnings:

DataDome v. Arkose Labs

IPR2025-00693

Information:					
2	Assignee showing of ownership per 37 CFR 3.73	60250-12US01_373cFiled.pdf	120944	no	3
			e6d065799d1da891c303d62cf65694fb62d08fc0		
Warnings:					
Information:					
Total Files Size (in bytes):			279014		
This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.					



UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
09/901,442	07/09/2001	Marc Lamberton	FR920000041US1 (353)

CONFIRMATION NO. 2021

POA ACCEPTANCE LETTER



27683
HAYNES AND BOONE, LLP
IP Section
2323 Victory Avenue
Suite 700
Dallas, TX 75219

Date Mailed: 09/20/2021

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 09/16/2021.

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

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/tmwilliams/



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

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
09/901,442	07/09/2001	Marc Lamberton	FR920000041US1 (353)

CONFIRMATION NO. 2021

POWER OF ATTORNEY NOTICE



46320
INACTIVE - Shutts & Bowen LLP
IBM Intellectual Property Law Department
1701 North Street
IPLaw Dept SHCB / Bldg 256-3
Endicott, NY 13760

Date Mailed: 09/20/2021

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 09/16/2021.

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

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/tmwilliams/