(54) Title: AN APPARATUS, SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR IMPLEMENTING REMOTE CLIENT INTEGRITY VERIFICATION

(57) Abstract: Apparatus, system, method and computer program product for verifying the integrity of remote network devices that request access to network services and resources. Unintended computer programs such as viruses, worms, or Trojan horses, may compromise remote devices. The invention involves downloading verification software over the web into the web browser of a client for the purpose of performing checks to verify the integrity and security of the client's device or system. The results of such checks are returned over the web to be used in security decisions involving authentication and the grant of authorization to access services and resources.
— before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ing of each regular issue of the PCT Gazette.

(88) Date of publication of the international search report:
16 June 2005
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 11/30, 12/14, 15/173, 15/16; H04L 9/00, 9/32
US CL : 713/201, 153, 168; 709/225, 229

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 713/201, 153, 168; 709/225, 229

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>X, P</td>
<td>US 6,728,886 (JI et al) 27 April 2004 (27.04.2004), entire document</td>
<td>1-48</td>
</tr>
<tr>
<td>X</td>
<td>WO 01/78351-A2 (BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY) 18 October 2001 (18.10.2001)</td>
<td>1-48</td>
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<td>A</td>
<td>US 5,983,348 (JI) 9 November 1999 (09.11.1999), entire document</td>
<td>1-48</td>
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<tr>
<td>A</td>
<td>WO 02/41602 A1 (SONERA SMARTTRUST OY) 23 May 2002 (23.05.2002), entire document</td>
<td>1-48</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C. See patent family annex.

Date of the actual completion of the international search: 17 February 2005 (17.02.2005)

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Form PCT/ISA/210 (second sheet) (January 2004)
Continuation of B. FIELDS SEARCHED Item 3:
EAST (USPAT, US-PGPUB, EPO, IPO, DERWENT)
Search terms: proxy, firewall, gateway, scan, check, integrity, security, request, service, filter, access, script, applet