

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
15 March 2001 (15.03.2001)

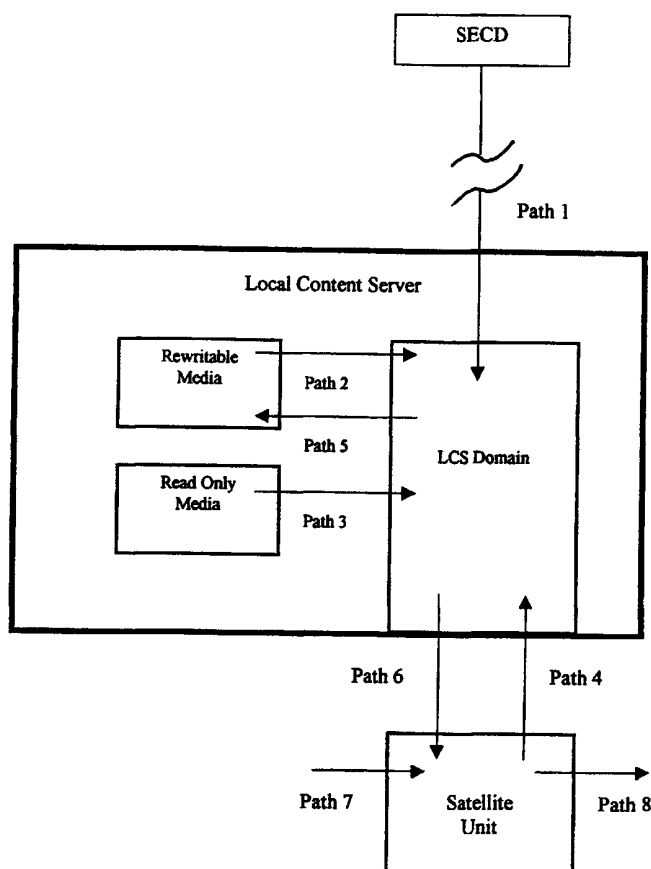
PCT

(10) International Publication Number
WO 01/18628 A3

- (51) International Patent Classification⁷: **H04L 9/32**,
H04N 7/167
- (21) International Application Number: PCT/US00/21189
- (22) International Filing Date: 4 August 2000 (04.08.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/147,134 4 August 1999 (04.08.1999) US
60/213,489 23 June 2000 (23.06.2000) US
- (71) Applicant (for all designated States except US): **BLUE SPIKE, INC.** [US/US]; 16711 Collins Avenue #2505, Miami, FL 33160 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **MOSKOWITZ**,
- Scott, A. [US/US]; 16711 Collins Avenue #2505, Miami, FL 33160 (US). **BERRY, Michael** [US/US]; 12401 Princess Jeanne, Albuquerque, NM 87112 (US).
- (74) Agents: **CHAPMAN, Floyd, B.** et al.; Baker Botts, LLP, The Warner, 1299 Pennsylvania Avenue, N.W., Washington, DC 20004 (US).
- (81) Designated States (national): JP, US.
- (84) Designated States (regional): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).
- Published:
— with international search report
- (88) Date of publication of the international search report:
22 November 2001

[Continued on next page]

(54) Title: A SECURE PERSONAL CONTENT SERVER



(57) Abstract: A local content server system (LCS) for creating a secure environment for digital content is disclosed, which system comprises: a communications port in communication (Path 1) for connecting the LCS via a network to at least one Secure Electronic Content Distributor (SECD), which SECD is capable of storing a plurality of data sets, is capable of receiving a request to transfer at least one content data set, is capable of transmitting the at least one content data set in a secured transmission; a rewritable storage medium (Rewritable Media) whereby content received from outside the LCS may be stored and retrieved; a domain processor that imposes rules and procedures for content being transferred between the LCS and devices outside the LCS; and a programmable address module which can be programmed with an identification code uniquely associated with the LCS. Optionally, the system may further comprise: an interface to permit the LCS to communicate with one or more Satellite Units (SU).

WO 01/18628 A3



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

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US00/21189

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) :H04L 9/32; H04N 7/167

US CL :713/176; 705/51, 52, 57; 380/203, 231

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. : 713/153; 705/51, 52, 57; 380/203, 231

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)

APS EAST/BRS text search terms: watermark, audio, copy protect, distribution

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| Y | US 5,636,292 A (RHOADS) 03 JUNE 1997, col. 33, line 42-col. 34, line 8. | 4, 6-15 and 17-29 |
| Y | US 5,629,980 A (STEFIK et al) 13 MAY 1997, col. 26, line 37-col. 27, line 26. | 1-30 |
| Y, P | US 5,943,422 A (VAN WIE et al) 24 AUGUST 1999, col. 6, line 53-62 and col. 10, line 18-56. | 4, 6-15 and 17-29. |
| Y | US 5,636,276 A (BRUGGER) 03 JUNE 1997, col. 5, line 53-col. 6, line 8. | 1-30. |
| Y | US 5,341,429 A (STRINGER et al) 23 AUGUST 1994, col. 4, lines 1-22. | 30 |



Further documents are listed in the continuation of Box C.



See patent family annex.

| | |
|---|--|
| * Special categories of cited documents: | *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
| *A* document defining the general state of the art which is not considered to be of particular relevance | *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone |
| *E* earlier document published on or after the international filing date | *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | *&* document member of the same patent family |
| *O* document referring to an oral disclosure, use, exhibition or other means | |
| *P* document published prior to the international filing date but later than the priority date claimed | |

Date of the actual completion of the international search

26 JANUARY 2001

Date of mailing of the international search report

23 MAR 2001

Name and mailing address of the ISA/US
Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231

Facsimile No. (703) 305-3230

Authorized officer

GILBERTO BARRÓN

Telephone No. (703) 305-3900