

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
29 November 2001 (29.11.2001)

PCT

(10) International Publication Number
WO 01/91412 A3

(51) International Patent Classification⁷: **H04L 29/06**,
12/26

(21) International Application Number: PCT/IL01/00471

(22) International Filing Date: 23 May 2001 (23.05.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
136324 24 May 2000 (24.05.2000) IL

(71) Applicants (for all designated States except US): **SOFT-COM COMPUTERS LTD.** [IL/IL]; 9 Hasivim Street, 49170 Petach-Tikva (IL). **ECTEL LTD.** [IL/IL]; 18 Hasivim Street, Petach-Tikva 49517 (IL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **AMIT, Noah** [IL/IL]; 20 D'Israeli Street, 34334 Haifa (IL). **AMIT, Yoni** [IL/IL]; 20 D'Israeli Street, 34334 Haifa (IL). **EADAN, Zvi** [IL/IL]; 20 Hagolan Street, 81504 Yavne (IL).

(74) Agent: **FREIMANN, Daniel**; P.O. Box 29814, 52 Nahalat Benjamin Street, 61297 Tel Aviv (IL).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(88) Date of publication of the international search report:
25 April 2002

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.

(54) Title: METHOD OF SURVEILLING INTERNET COMMUNICATION

(57) **Abstract:** A network probe terminal for tracking a network communication line and simulating a browser activity of a given terminal. The probe terminal monitors TCP/IP data packets routed through the communication line for filtering relevant requests and responses relating to a given IP address. These requests and responses are analyzed and sorted according to their type and content. based on the analysis, the probe terminal identifies all relevant data transactions relating to the navigation process of the given terminal. The probe terminal activates a virtual browser simulating the processing of identified data transactions to create navigation presentations similar to the real navigation as seen by the user of the given terminal.

WO 01/91412 A3

