RTMP
COPY

9704310-3

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : G11B 27/031, 27/10, 27/30, G06F 17/30, H04L 29/06 — A1

(11) International Publication Number: WO 96/29702

(43) International Publication Date: 26 September 1996 (26.09.96)

(21) International Application Number: PCT/GB96/00645

(22) International Filing Date: 15 March 1996 (15.03.96)

(30) Priority Data:
9505417.7 17 March 1995 (17.03.95) GB

(71) Applicant (*for all designated States except US*): OLIVETTI RESEARCH LIMITED [GB/GB]; Old Addenbrookes Site, 24A Trumpington Street, Cambridge CB2 1QA (GB).

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): JONES, Alan, Henry [GB/GB]; 128 Brampton Road, Cambridge CB1 3HL (GB).

(74) Agent: NASH, Keith, Wilfrid; Keith W. Nash & Co., 90-92 Regent Street, Cambridge CB2 1DP (GB).

(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: ADDITION OF TIME INFORMATION

(57) Abstract

A method of adding time information to a data stream is provided. First and second timing sequences are linked with the data stream. The first timing sequence provides a permanent time record of when the data in the stream first originated. The second timing sequence is re-writable when the data stream is altered, for example by editing, so as to ensure an internally consistent time track is provided each time the data stream is changed. The timing sequences are derived from absolute references such as Global Positioning System (GPS) Time. The first and second timing sequences may be stored separately to the data stream. Two or more sets of second timing sequences may be provided, corresponding to different presentations of common sets of data streams.

