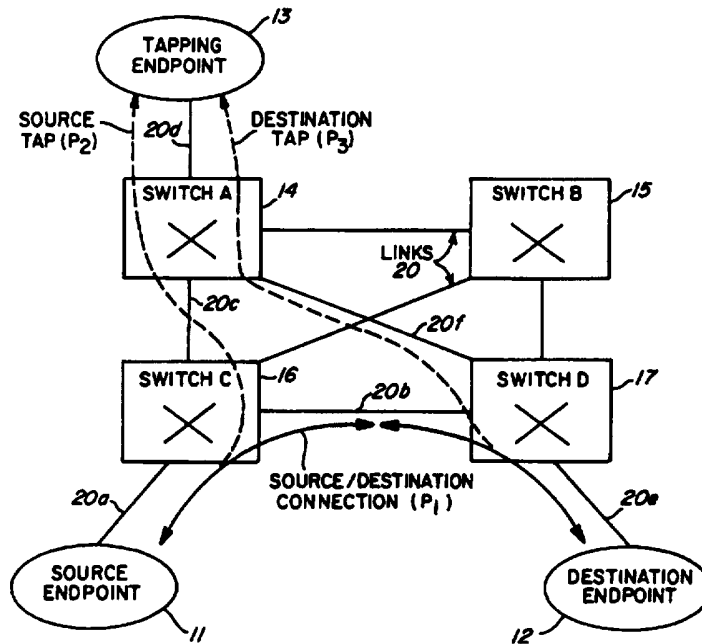




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification ⁶ : H04L 12/26, 12/18</p>	<p>A3</p>	<p>(11) International Publication Number: WO 96/21982 (43) International Publication Date: 18 July 1996 (18.07.96)</p>
<p>(21) International Application Number: PCT/US96/00571 (22) International Filing Date: 11 January 1996 (11.01.96) (30) Priority Data: 08/370,158 9 January 1995 (09.01.95) US (71) Applicant: CABLETRON SYSTEMS, INC. [US/US]; 35 Industrial Way, Rochester, NH 03867-5005 (US). (72) Inventors: DEV, Roger; 64 Bagdag Road, Durham, NH 03824 (US). KAIKINI, Prasan; 7 Meacham Road, Cambridge, MA 02140 (US). JEFFORDS, Jason; 1 Mill Street, Dover, NH 03820 (US). (74) Agent: MORRIS, James, H.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).</p>	<p>(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, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AZ, BY, KZ, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, 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).</p> <p>Published <i>With international search report.</i></p> <p>(88) Date of publication of the international search report: 3 October 1996 (03.10.96)</p>	

(54) Title: USE OF MULTIPOINT CONNECTION SERVICES TO ESTABLISH CALL-TAPPING POINTS IN A SWITCHED NETWORK



(57) Abstract

Method and apparatus for providing a call-tapping point (13) in a switched network with point-to-multipoint functionality. The tapping point is added as an additional destination for data being sent from a source node (11) to a first destination node (12). The tapping point is also added as a destination for data being sent from the first destination node to the source node. A merge operation is performed for finding and combining common segments of the paths between the source and destination, the source and tapping point, and the destination and tapping point.

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INTERNATIONAL SEARCH REPORT

International Application No
PC1/US 96/00571

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 H04L12/26 H04L12/18

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)
IPC 6 H04L H04M

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 practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP,A,0 453 128 (AT&T) 23 October 1991 see column 2, line 31 - column 3, line 52 see column 17, line 57 - column 18, line 27 see column 20, line 31 - column 21, line 24 see column 27, line 30 - column 28, line 54	1-9
A	EP,A,0 462 691 (IBM) 27 December 1991 see page 4, line 6 - line 36	1,3,9
A	PATENT ABSTRACTS OF JAPAN vol. 011, no. 117 (E-498), 11 April 1987 & JP,A,61 263350 (HITACHI LTD), 21 November 1986, see abstract	1-9

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Date of the actual completion of the international search

20 June 1996

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INTERNATIONAL SEARCH REPORT

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 96/00571

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		JP-A- 5067011	19-03-93
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